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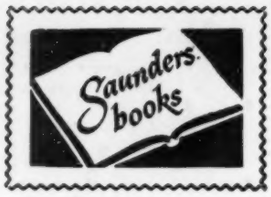

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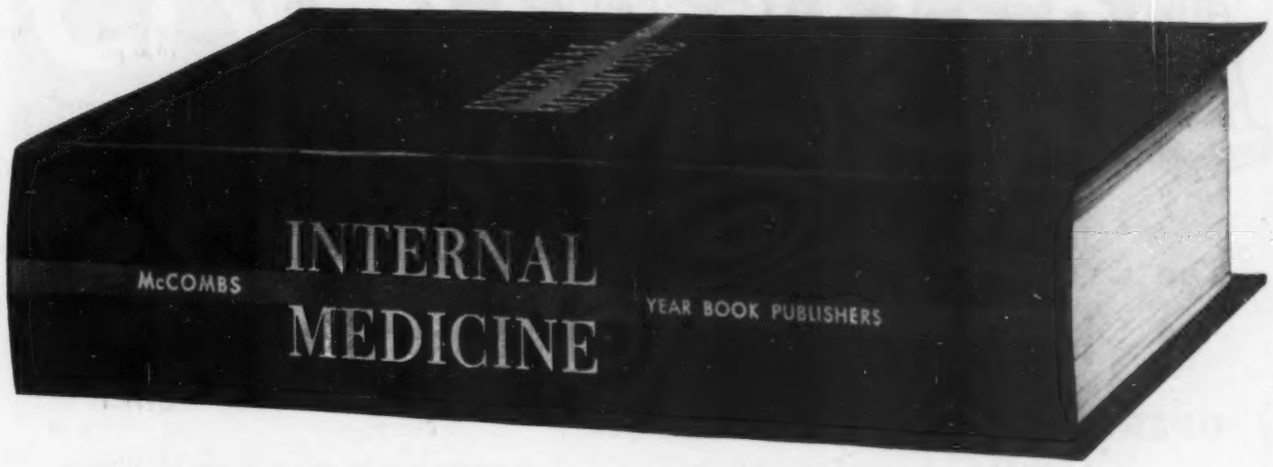

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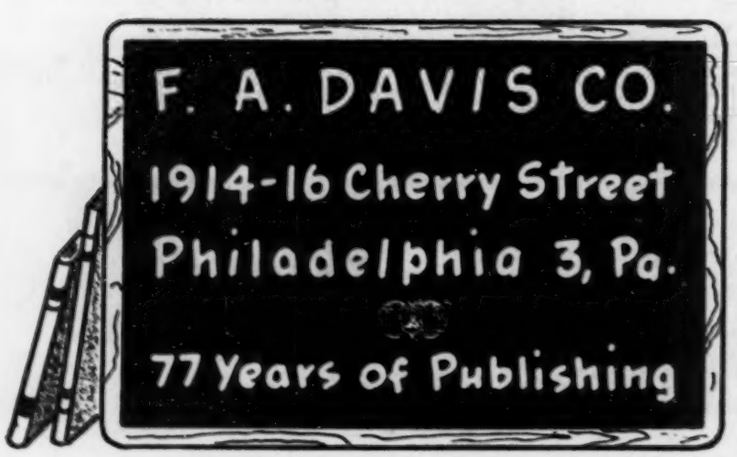

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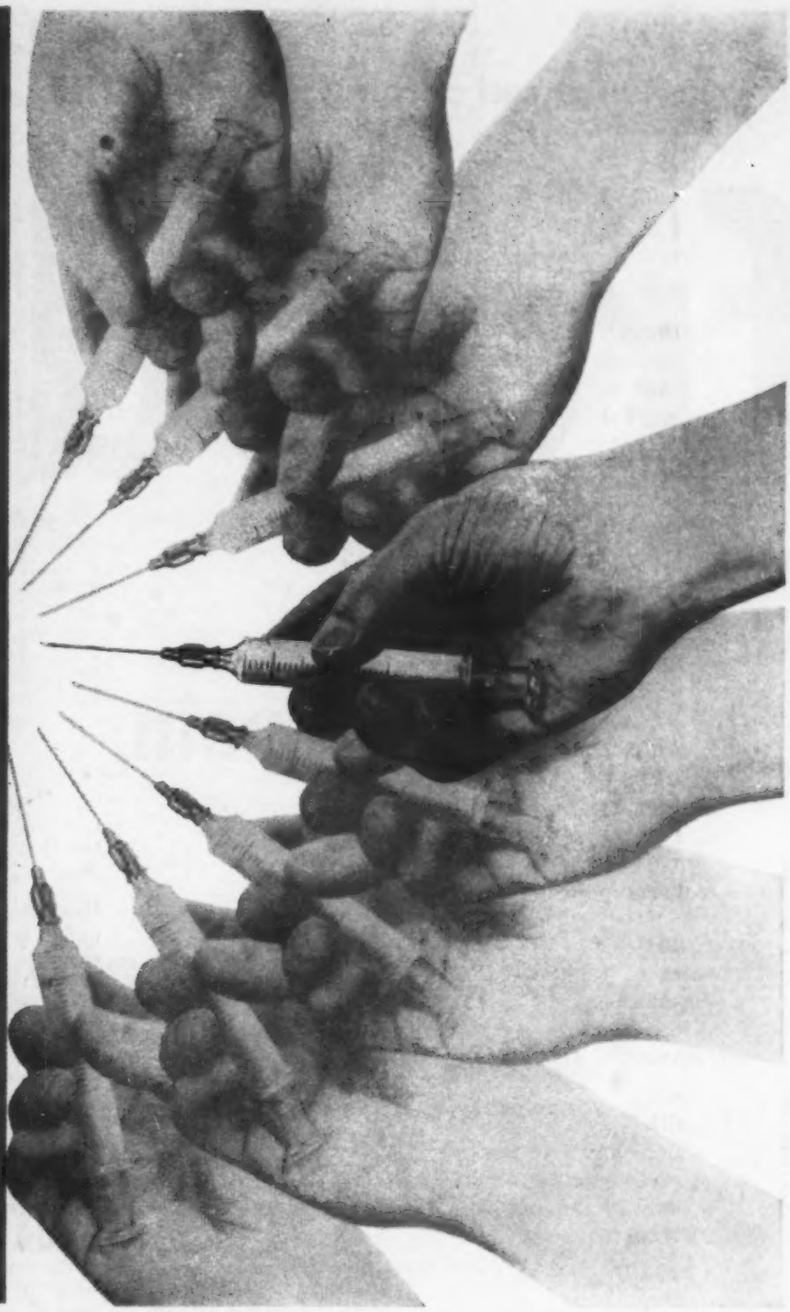

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		No.	Per cent of total	No.	Per cent of total	No.	Per cent of total
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Escherichia coli (including paracolon bacillus)	281	255	92.7	23	8.2	3	1.1
Aerobacter aerogenes	223	183	82.1	40	17.9	0	0
Streptococcus faecalis	160	155	96.7	5	3.1	0	0
Pseudomonas aeruginosa	101	5	5.0	40	39.9	56	55.4
Micrococcus pyogenes var. aureus	6	6	100	0	0	0	0
Klebsiella pneumoniae	3	3	100	0	0	0	0
Alcaligenes faecalis	2	2	100	0	0	0	0

*Organisms inhibited by 100 ug./ml. or less are classified as sensitive, by 200 to 400 ug./ml. as moderately sensitive, and those not inhibited by 400 ug./ml. as resistant.

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REFERENCES: 1. Stewart, B. L., and Rowe, H. J.: J. Am. M. Ass. 160:1221, 1956. 2. Trafton, H. M., et al.: N. England J. M. 252: 383, 1955. 3. Abrams, M., and Prophete, B.: Missouri Med. 51:280, 1954. 4. Schneierson, S. S.: Antibiotics 3:212, 1956. 5. Waisbren, B. A., and Crowley, W.: A. M. A. Arch. Int. M. 95:653, 1955.

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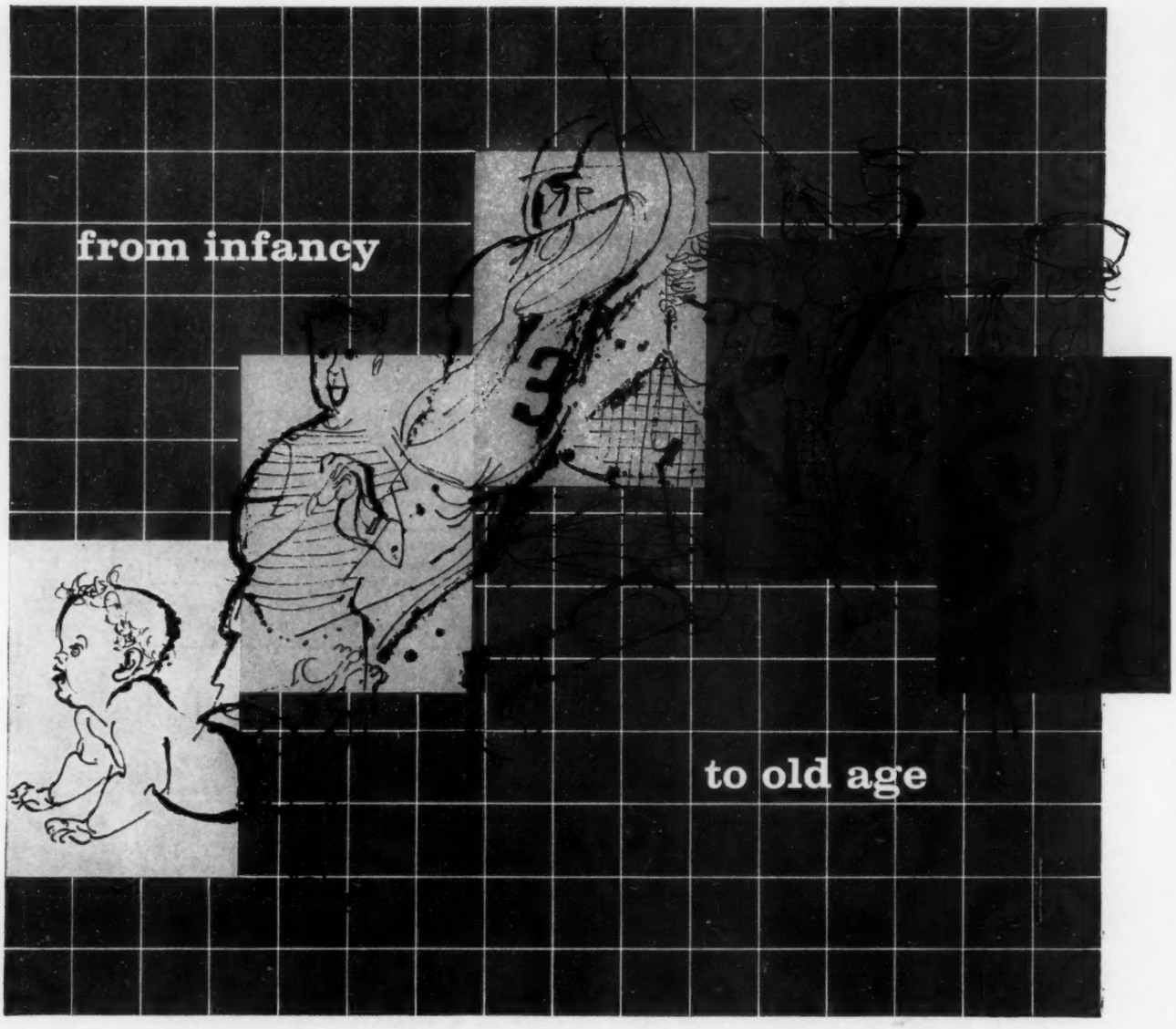

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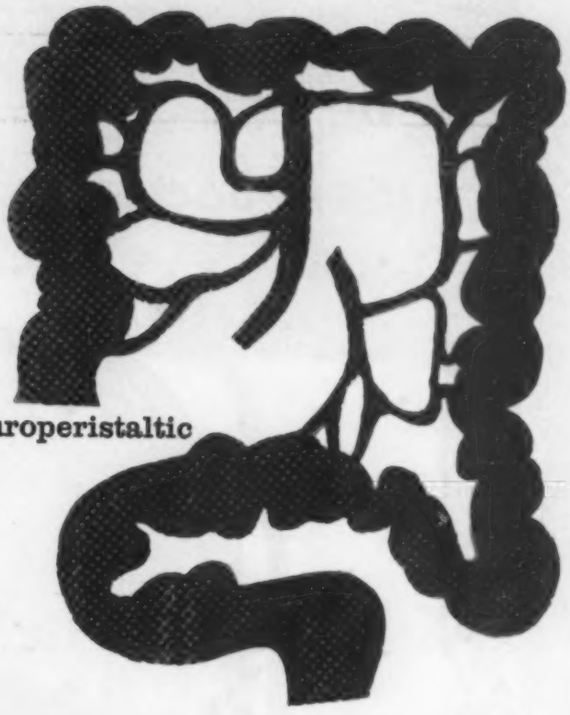

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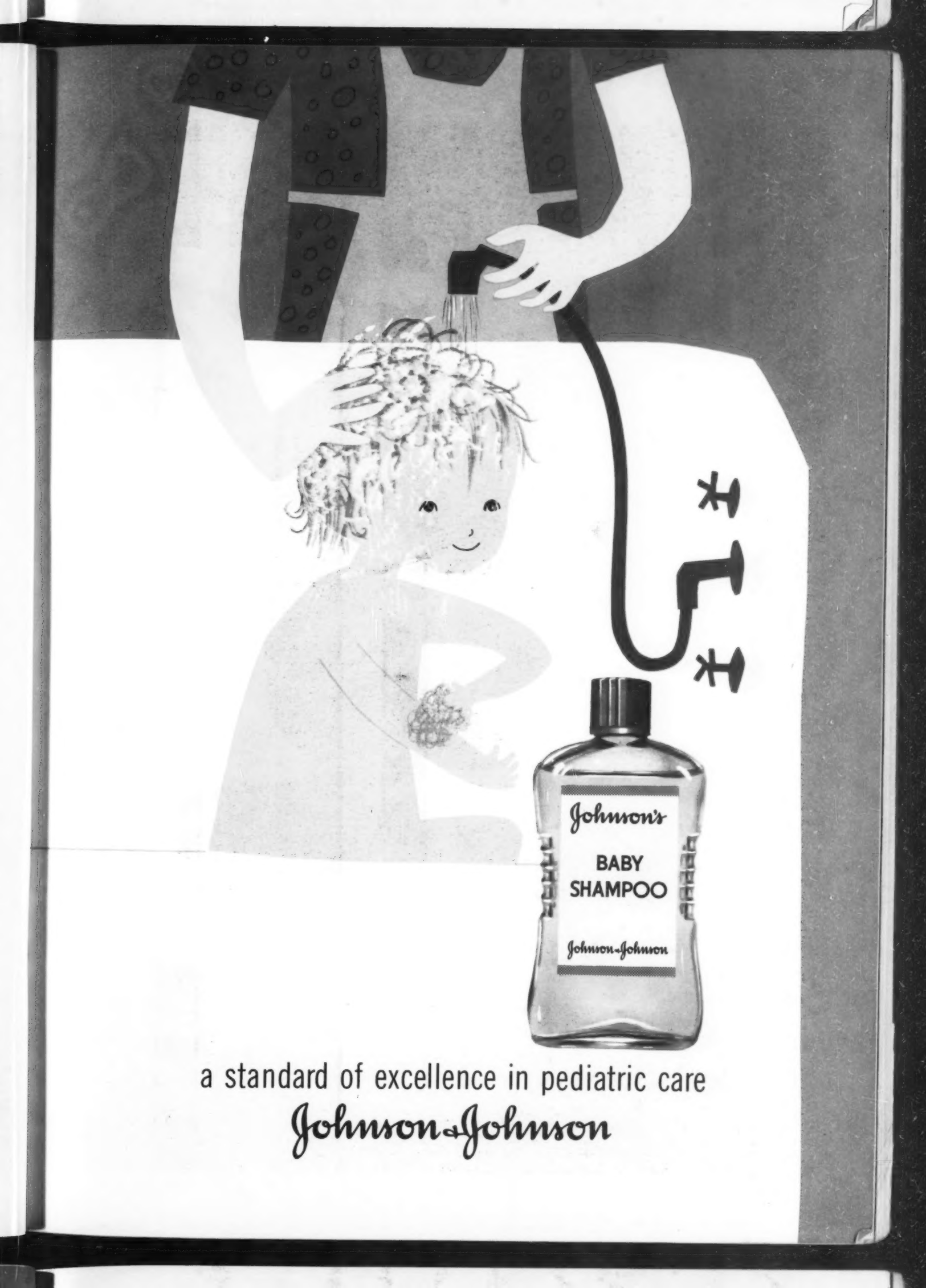

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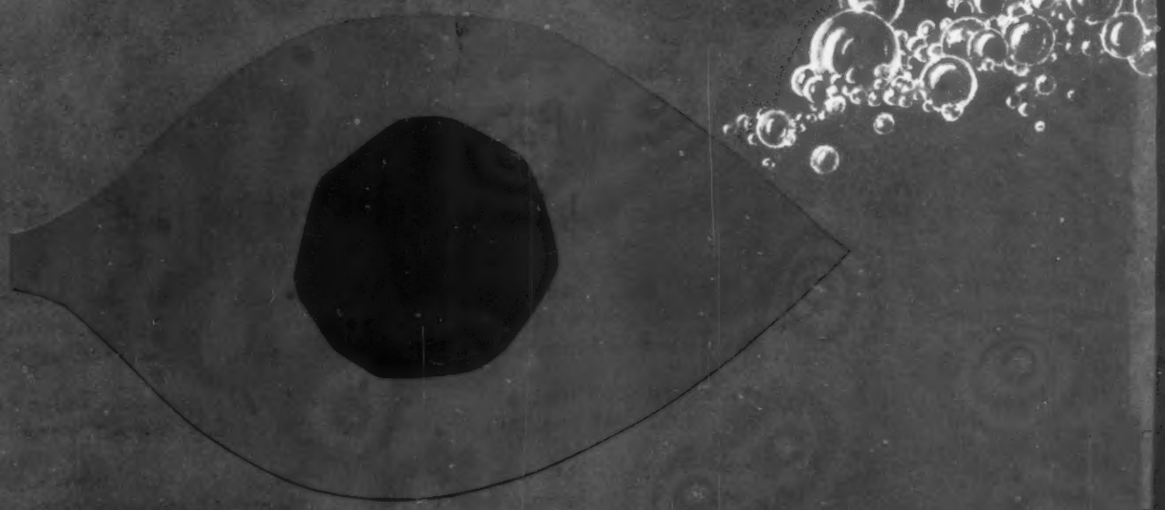

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« Washington News »

Defense Moving Ahead on Medicare Program • •
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MILITARY DEPENDENT PROGRAM

Aiming at having the operation in effect by Dec. 8 as provided in the law, the Defense Department is moving ahead with its work on the new military dependent medical care program, now identified as "medicare." Under the program, enacted at the last session of Congress, dependents are defined, and recognized dependents for the first time have statutory authority for government-paid medical care. Parents and parents-in-law, if 50% or more of their support is furnished by the serviceman, are entitled to full benefits under the program, either in military facilities or in private facilities under arrangements currently being contracted for by the Department of Defense. In private facilities, dependents are charged the first $25 of costs. The big problem facing the Defense Department now is how to make fiscal arrangements for supplying them with private benefits. The Secretary of Defense has the right to limit or deny private care to dependents in areas where military medical facilities are available and where the military mission will not be impaired.

Under present plans, state medical societies are the key unit in arranging private medical (as distinguished from hospital) care for service families. The Defense Department contemplates calling representatives of state societies to Washington in the near future to work out with them individual contracts for each state. The plan is to have the state society select its own agents (the society itself, Blue Shield, commercial companies, or possibly banks) and set a fee schedule acceptable to the Defense Department.

In preparation for meetings with state society representatives, the Defense Department task force handling preparations for the program expects to work out a model state contract, in consultation with state society advisers. As a preliminary step, several state societies drew up the type of contracts they consider workable in their areas for the guidance of the department.

To put the hospital care phase into effect, the department has tentatively decided to allocate coverage on the basis of Army areas (the Army is the medicare agent for all three services), with Blue Cross responsible for a majority of the areas and commercial insurance companies for the remainder. Before this decision was made, the department held a number of conferences with representatives of the professional and insurance organizations involved.

From the Washington Office of the American Medical Association.

One of the first major steps in preparation for medicare was issuance of a directive by the Secretary of Defense. It embodies the department's concept of the law and general instructions to the uniformed services as to implementation of the law. The directive is a detailed document of about 36 pages, in contrast to the relatively brief text of the law. The directive indicates what kind of care is to be provided in military and civilian facilities, and under what circumstances; how dependents will be identified; and what types of outpatient care are to be provided in military and civilian facilities. (In the latter, outpatient care is limited in general to such emergencies as injuries, lacerations, or poisonings.) Prior to the series of Defense Department meetings with state society representatives to work out contracts, regulations will have to be issued jointly by the Defense Department and the Department of Health, Education, and Welfare. Agreements with state societies will be based on these regulations.

BUSINESS AGENCY LOANS TO PRIVATE HOSPITALS

Another agency of the federal government has moved for the first time into the health field. The Small Business Administration, an independent agency reporting to the President, announces it is receiving applications for loans to privately owned hospitals, nursing homes, and laboratories. Funds may be used for expansion, improvement, and working capital. In addition to being privately owned, to be eligible the facilities must be operated for profit and have not more than 50 beds at the time of application. All laboratories are to be considered small unless operated in connection with a proprietary hospital of more than 50 beds. The Small Business Administration listed these definitions of facilities:

Hospitals are those health facilities licensed as hospitals providing inpatient medical or surgical care of the sick or injured, including obstetrics. Nursing homes are those facilities for accommodation of convalescents or other persons who are not acutely ill and not in need of hospital care but who may require nursing care and related medical services. Medical and dental laboratories are those facilities that provide services to physicians, dentists, hospitals, and similar health facilities. The loans are of two types: participation loans, which are made jointly with banks and other private lending institutions, and direct loans, where no participation is available. The agency explains further that loans may be used for building new facilities, for expansion or improvement of existing plants, or for working capital.

"The amount which the Small Business Administration may lend is limited by statute to a maximum of $250,000 to any one borrower," an agency announce-

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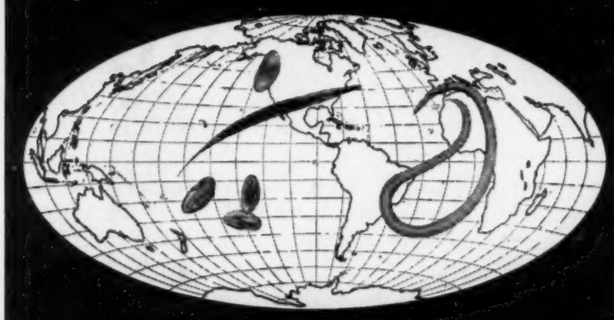

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ment states. "If a bank participates in the loan, however, the loan may be increased by the amount of the bank's participation. In any case, the total amount of a loan must be proportionate to the investment of the owners in the project. Before applying for an SBA loan, the owner or operator of a health facility must first determine whether his bank or other local lending institution will extend the required financing, either alone or in participation with SBA. If the private lending institution will not or cannot make the entire loan, but is willing to join with SBA in a loan, the owner or operator should obtain form SBA-4 and 4D from the nearest SBA field office, complete it and file with the private lender."

Other points specified by the Small Business Administration are as follows: 1. An agency loan may be made for a period up to 10 years, generally on an amortized repayment basis and usually with equal monthly installments. Interest for a direct loan is 6%. Interest on loans made in cooperation with banks may be fixed by the banks, but at not over 6%. 2. Owners and operators of a facility must be experienced in their field, must be competent, and must have sufficient professional training to operate the facility in accordance with required or accepted standards. 3. When licensing is required by a state, county, or local agency, the facility must have a license in good standing or the licensing agency must indicate in writing that a license will be issued when the purpose for which the loan proceeds have been used are completed. 4. An applicant will not be deemed to meet the necessary credit requirements nor to have demonstrated adequate ability to repay the loan if its facility does not meet the minimum standards generally accepted for such facility.

MINE WORKERS MEDICAL SPENDING RISES

Medical care costs for miners and their dependents during the last fiscal year amounted to $47,502,629, according to the United Mines Workers Welfare and Retirement Fund. This is about 5 million dollars more than the previous year and reverses a three-year downward trend of spending. The increase is explained in part by the opening of 10 hospitals in Virginia, West Virginia, and Kentucky under the management of the Miners Memorial Hospital Association. The medical spending for the year provided 1,530,430 days of hospitalization for 89,824 beneficiaries, including dependents. Medical and surgical services for the hospitalized entailed 1,460,030 visits by physicians. In addition, services of specialists through 825,126 office and outpatient clinic consultations were provided.

The fund also provided rehabilitation services to 15,082 beneficiaries, 3,441 of whom were returned to some useful occupation. This includes 852 who resumed mining. Comments the report on this score: "The area medical administrators and their staffs fully recognize the role of rehabilitation in the medical care efforts of the fund. Participating physicians and hospital per-

sonnel see cases formerly considered hopeless and helpless respond to constructive assistance through full utilization of available services, and cooperate with the rehabilitation efforts of the fund's medical services. . . . As experience is gained, it is hoped that total patient care, which is rehabilitation at its best, can be achieved for every physically disabled fund beneficiary."

MISCELLANY

The Internal Revenue Service says that a grant to a taxpayer primarily to further his education and training by enabling him to complete work for his doctoral degree, "with the taxpayer under no commitment to the grantor" as to his educational objectives, may be excluded from the recipient's taxable income. . . . Systematic methods developed by the National Bureau of Standards for solving radiation penetration problems associated with medical use of radiation are discussed in the bureau's Summary Technical Report 2039, available from the bureau. . . . The Defense Department is understood to have extended the date for termination of the Army and Air Force veterinary corps to Nov. 30. Secretary Wilson originally ordered the two veterinary corps (the Navy has none) to be closed out by last July 1. However, the corps are established by law, and Congress will probably look into the matter after the session opens in January. Abolition of the corps has been opposed by the American Medical Association and other professional groups . . . . Under a grant from the Joint Commission on Mental Illness and Health, the University of Michigan Survey Research Center will conduct a national opinion survey as a part of the commission's three-year sampling of 2,500 individuals on their attitude toward the knowledge of mental illness and emotional strength or well-being. . . . The Navy, celebrating the 114th anniversary of the founding of its Bureau of Medicine and Surgery, points out that it now has on duty 550 physicians certified by American boards and that 337 of its doctors are in residency training. . . . The U. S. Public Health Service has awarded a special citation to the Union Pacific Railroad in recognition of the fact that all the road's operating dining cars had a rating of 95% or better on PHS inspections during a full year. The last similar award went to the Erie Railroad in 1953. . . . An October draft call for 300 physicians to be assigned to the Navy has been announced by the Defense Department, the first call since last May. These physicians report for duty later in the year. . . . The Public Health Service has announced that examinations for appointment of medical officers in the commissioned corps of the PHS will be held in November. Entrance pay for the two grades, assistant and senior assistant surgeon, is $7,498 a year. The PHS explained that assistant grade entrants are assigned the temporary grade of senior assistant. This, said PHS, is in accord with recent policies providing certain career incentives to medical and dental officers of the uniformed services. The rank of assistant surgeon requires 7 years of collegiate and professional training, and the rank of senior assistant surgeon, 10 years.

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Bumbalo, T. S., Gustina, F. J., and Oleksiak, R. E.: J. Pediat. 44:386, 1954.

White, R. H. R., and Standen, O. D.: Brit. M. J. 2:755, 1953.

against ROUNDWORMS

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Brown, H. W.: J. Pediat. 45:419, 1954.

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MEETINGS

AMERICAN MEDICAL ASSOCIATION: Dr. George F. Lull, 535 North Dearborn St., Chicago 10, Secretary.

1956 Clinical Meeting, Seattle, Nov. 27-30.

1957 Annual Meeting, New York, June 3-7.

1957 Clinical Meeting, Philadelphia, Dec. 3-6.

1958 Annual Meeting, San Francisco, June 23-27.

1958 Clinical Meeting, Minneapolis, Dec. 2-5.

1959 Annual Meeting, Atlantic City, June 8-12.

ACADEMY OF PSYCHOSOMATIC MEDICINE, Hotel Plaza, New York, Oct. 4-6. Dr. Ethan Allan Brown, 75 Bay State Road, Boston 15, Secretary.

AMERICAN ACADEMY FOR CEREBRAL PALSY, Congress Hotel, Chicago, Nov. 17-19. Dr. Robert A. Knight, 869 Madison Ave., Memphis 3, Tenn., Secretary.

AMERICAN ACADEMY OF NEUROLOGICAL SURGERY, Camelback Inn, Phoenix, Ariz., Nov. 7-11. Dr. Eben Alexander Jr., Bowman Gray School of Medicine, Winston-Salem, N. C., Secretary.

AMERICAN ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY, Palmer House, Chicago, Oct. 14-19. Dr. W. L. Benedict, 100 First Avenue Bldg., Rochester, Minn., Secretary.

AMERICAN ACADEMY OF PEDIATRICS, Hotel Statler, New York, Oct. 6-11. Dr. E. H. Christopherson, 1801 Hinman Ave., Evanston, Ill., Executive Secretary.

AMERICAN ASSOCIATION OF MEDICAL CLINICS, Washington, D. C., Oct. 26-28. Dr. Edwin P. Jordan, Box 58, Charlottesville, Va., Executive Director.

AMERICAN ASSOCIATION OF NURSING HOMES, Shamrock-Hilton Hotel, Houston, Texas, Oct. 22-25. Mr. Ira O. Wallace, P. O. Box 366, New Castle, Ky., Secretary.

AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA, The Biltmore, Santa Barbara, Calif., Oct. 4-6. Dr. James K. Stack, 700 N. Michigan Ave., Chicago 11, Secretary.

AMERICAN BRANCH, INTERNATIONAL SOCIETY OF SURGERY, Fairmont Hotel, San Francisco, Oct. 9. Dr. Walter G. Maddock, 250 East Superior St., Chicago 11, Secretary.

AMERICAN CANCER SOCIETY, SCIENTIFIC SESSION, Park Sheraton Hotel, New York, Oct. 29-30. Dr. Charles S. Cameron, 521 West 57th St., New York 19, Medical Director.

AMERICAN CLINICAL AND CLIMATOLOGICAL ASSOCIATION, Skytop Lodge, Skytop, Pa., Nov. 1-3. Dr. Marshall N Fulton, 124 Waterman St., Providence 6, R. I., Secretary.

AMERICAN COLLEGE OF GASTROENTEROLOGY, Hotel Roosevelt, New York, Oct. 15-17. Mr. Daniel Weiss, 33 West 60th St., New York 23, Executive Secretary.

AMERICAN COLLEGE OF OBSTETRICIANS AND GYNECOLOGISTS, Palmer House, Chicago, Nov. 7-9. Dr. Paul Hodgkinson, 116 South Michigan Blvd., Chicago 3, Secretary.

AMERICAN COLLEGE OF PREVENTIVE MEDICINE, Atlantic City, N. J., Nov. 14-15. Dr. John J. Wright, School of Public Health, Univ. of North Carolina, Chapel Hill, N. C., Secretary.

AMERICAN COLLEGE OF SURGEONS, Fairmont Hotel, San Francisco, Oct. 8-12. Dr. Michael L. Mason, 40 East Erie St., Chicago, Secretary.

ANNUAL CONFERENCE ON ELECTRICAL TECHNIQUES IN MEDICINE AND BIOLOGY, Governor Clinton Hotel, New York, Nov. 7-9. Mr. E. Dale Trout, General Electric Company, X-Ray Dept., Milwaukee 1, Chairman.

AMERICAN DENTAL ASSOCIATION, Atlantic City, Oct. 1-4. Dr. Harold Hillenbrand, 222 East Superior St., Chicago 11, General Secretary.

AMERICAN DIETETIC ASSOCIATION, Hotel Schroeder and Auditorium, Milwaukee, Wis., Oct. 9-12. Mrs. Helen H. Anderson, Stanford University Hospitals, San Francisco, Secretary.

AMERICAN HEART ASSOCIATION, Netherlands Plaza Hotel, Cincinnati, Oct. 27-31. Dr. Rome A. Betts, 44 East 23d St., New York 10, Executive Director.

AMERICAN MEDICAL WRITERS' ASSOCIATION, Hotel Morrison, Chicago, Sept. 28-29. Dr. Harold Swanberg, P. O. Drawer 110, Quincy, Ill., Secretary.

AMERICAN PUBLIC HEALTH ASSOCIATION, The Ambassador, Atlantic City, N. J., Nov. 12-16. Dr. Reginald M. Atwater, 1790 Broadway, New York 19, Executive Secretary.

AMERICAN RHINOLOGIC SOCIETY, Illinois Masonic Hospital and Palmer House, Oct. 9-13. Mrs. Mabel Campbell, 834 Wellington Ave., Chicago 14, Corresponding Secretary.

AMERICAN ROENTGEN RAY SOCIETY, Hotel Statler, Los Angeles, Sept. 25-28. Dr. Barton R. Young, Germantown Hospital, Philalelphia 44, Secretary.

AMERICAN SCHOOL HEALTH ASSOCIATION, Atlantic City, N. J., Nov. 12-18. Dr. A. O. DeWeese, 513 East Main St., Kent, Ohio, Secretary.

AMERICAN SOCIETY OF ANESTHESIOLOGISTS, Municipal Auditorium, Kansas City, Mo., Oct. 8-12. Mr. John H. Hunt, 188 West Randolph St., Chicago 1, Executive Secretary.

AMERICAN SOCIETY OF CLINICAL PATHOLOGISTS, Drake Hotel, Chicago, Oct. 7-12. Dr. Clyde G. Culbertson, 1040-1232 West Michigan St., Indianapolis, Secretary.

AMERICAN SOCIETY FOR PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, Kentucky Hotel, Louisville, Ky., Oct. 22-25. Dr. Harold Hodge, University of Rochester, Rochester 20, N. Y., Secretary.

AMERICAN SOCIETY FOR THE STUDY OF ARTERIOSCLEROSIS, Palmer House, Chicago, Nov. 11-12. Dr. O. J. Pollak, P. O. Box 228, Dover, Del., Secretary.

AMERICAN SOCIETY OF TROPICAL MEDICINE AND HYGIENE, Jung Hotel, New Orleans, Oct. 31-Nov. 3. Dr. John E. Larsh Jr., Dept. of Parasitology, School of Public Health, University of North Carolina, Chapel Hill, N. C., Secretary.

AMERICAN VETERINARY MEDICAL ASSOCIATION, Plaza Hotel, San Antonio, Texas, Oct. 15-18. Dr. J. G. Hardenbergh, 600 South Michigan Blvd., Chicago 5, Executive Secretary.

ANNUAL CONFERENCE ON ELECTRICAL TECHNIQUES IN MEDICINE AND BIOLOGY, Governor Clinton Hotel, New York, Nov. 7-9. Mr. E. Dale Trout, General Electric Company X-Ray Dept., Milwaukee 1, Chairman.

ASSOCIATION OF AMERICAN MEDICAL COLLEGES, The Broadmoor, Colorado Springs, Colo., Nov. 12-14. Dr. Dean F. Smiley, 185 N. Wabash Ave., Chicago 1, Secretary.

ASSOCIATION OF LIFE INSURANCE MEDICAL DIRECTORS OF AMERICA, Hotel Roosevelt, New Orleans, Oct. 23-25. Dr. Henry B. Kirkland, P.O. Box 594, Newark 1, N. J., Secretary.

ASSOCIATION OF MEDICAL ILLUSTRATORS, State University of Iowa, Iowa City, Oct. 1-3. Miss Rose M. Reynolds, University of Nebraska College of Medicine, Omaha 5, Corresponding Secretary.

ASSOCIATION OF MILITARY SURGEONS OF THE UNITED STATES, Hotel Statler, Washington, D. C., Nov. 12-14. Colonel Robert E. Bitner, Room 718, 1726 Eye St., N.W., Washington 6, D. C., Secretary.

ASSOCIATION OF STATE AND TERRITORIAL HEALTH OFFICERS, Hotel Washington, Washington, D. C., Nov. 2-10. Dr. Franklin D. Yoder, State Board of Health, Cheyenne, Wyo., Secretary.

CENTRAL ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS, Roosevelt Hotel, New Orleans, Oct. 4-6. Dr. Edwin J. DeCosta, Suite 615, 104 South Michigan Ave., Chicago 3, Secretary.

CENTRAL SOCIETY FOR CLINICAL RESEARCH, Drake Hotel, Chicago, Nov. 9-10. Dr. Robert H. Ebert, 950 East 59th St., Chicago 37, Secretary.

CLINICAL ORTHOPAEDIC SOCIETY, Cleveland, Oct. 5-6. Dr. Marcus J. Stewart, 869 Madison Ave., Memphis, Tenn., Executive Secretary.

COLLEGE OF AMERICAN PATHOLOGISTS, Drake Hotel, Chicago, Oct. 6-13. Dr. A. H. Dearing, Suite 2115, Prudential Plaza, 130 East Randolph St., Chicago, Executive Secretary.

CONGRESS OF NEUROLOGICAL SURGEONS, Palmer House, Chicago, Nov. 1-3. Dr. Philip D. Gordy, 1007 Delaware Ave., Wilmington, Del., Secretary.

EASTERN PSYCHIATRIC RESEARCH ASSOCIATION, Waldorf-Astoria Hotel, New York, Oct. 27. Dr. Theodore R. Robie, 676 Park Ave., East Orange, N. J., Secretary.

GERONTOLOGICAL SOCIETY, Hotel Hamilton, Chicago, Nov. 8-10. Dr. Nathan W. Shock, Baltimore City Hospitals, Baltimore 24, Secretary.

GULF COAST CLINICAL SOCIETY, Admiral Semmes Hotel, Mobile, Ala., Oct. 18-19. Dr. Theodore F. Middleton, 1302 Government St., Mobile, Ala., Secretary.

INDIANA STATE MEDICAL ASSOCIATION, Murat Temple, Indianapolis, Oct. 16-18. Mr. James A. Waggener, 23 East Ohio St., Indianapolis 4, Executive Secretary.

INSTITUTE OF PSYCHIATRIC TREATMENT, Boston State Hospital, Boston, Sept. 27-29. Dr. Leo Alexander and Dr. Robert Arnot, 433 Marlborough St., Boston 15, Co-Chairmen.

INTERSTATE POSTGRADUATE MEDICAL ASSOCIATION OF NORTH AMERICA, Hotel Statler, Cleveland, Oct. 22-26. Mr. Roy T. Ragatz, Box 1109, Madison 1, Wis., Executive Director.

KANSAS CITY SOUTHWEST CLINICAL SOCIETY, Fall Clinical Conference, Municipal Auditorium, Kansas City, Mo., Sept. 24-27. Dr. Lee H. Leger, 3036 Gillham Road, Kansas City 8, Mo., Director of Clinics.

MICHIGAN STATE MEDICAL SOCIETY, Sheraton-Cadillac Hotel, Detroit, Sept. 26-28. Dr. L. Fernald Foster, 606 Townsend St., Lansing 5, Secretary.

MISSISSIPPI VALLEY MEDICAL SOCIETY, Hotel Morrison, Chicago, Sept. 26-28. Dr. Harold Swanberg, 510 Maine St., Quincy, Ill., Secretary.

NATIONAL PROCTOLOGIC ASSOCIATION, Maryland Hotel, Chicago, Oct. 18-20. Dr. George E. Mueller, 59 East Madison St., Chicago 2, Executive Secretary.

NATIONAL SOCIETY FOR CRIPPLED CHILDREN AND ADULTS, Statler Hotel, Washington, D. C., Oct. 28-Nov. 1. Dr. Dean Roberts, 11 South LaSalle St., Chicago 3, Executive Director.

NEW ENGLAND POSTGRADUATE ASSEMBLY, Hotel Statler, Boston, Oct. 30-Nov. 1. Dr. Robert P. McCombs, 22 Fenway, Boston 15, Chairman, Program Committee.

NEW HAMPSHIRE MEDICAL SOCIETY, Wentworth-by-the-Sea, Newcastle, Sept. 28-30. Dr. Warren H. Butterfield, 18 School St., Concord, Secretary.

OMAHA MID-WEST CLINICAL SOCIETY, Hotel Fontenelle, Omaha, Oct. 29-Nov. 1. Mrs. Anne K. Ramsey, 1031 Medical Arts Bldg., Omaha 2, Executive Secretary.

OREGON STATE MEDICAL SOCIETY, Portland, Oct. 16-20. Dr. Richard R. Carter, 1020 S. W. Taylor St., Portland 5, Secretary.

PACIFIC COAST FERTILITY SOCIETY, El Mirador Hotel, Palm Springs, Calif., Nov. 8-11. Dr. Edward T. Tyler, 10911 Wayburn Ave., Los Angeles 24, Secretary.

PENNSYLVANIA, MEDICAL SOCIETY OF THE STATE OF, Chalfonte-Haddon Hall, Atlantic City, N. J., Oct. 21-26. Dr. Harold B. Gardner, 230 State St., Harrisburg, Secretary.

REGIONAL MEETINGS:

AMERICAN COLLEGE OF PHYSICIANS:

Montana-Wyoming, Great Falls, Mont., Nov. 16-17. Dr. Harold W. Gregg, 103 N. Wyoming St., Governor.

New Jersey, Newark, Nov. 7. Dr. Edward C. Klein Jr., 6 South Kingman Rd., South Orange, Governor.

New Mexico, Albuquerque, Oct. 16. Dr. Robert Friedenberg, 143 Madison St. N.E., Albuquerque, Governor.

Midwest, Minneapolis, Oct. 27. Dr. Wesley W. Spink, 412 Delaware St., S.E., Minneapolis 14, Governor.

Southeastern, Nassau, Bahama Islands, Oct. 6-7. Dr. William C. Blake, 706 Franklin St., Tampa 2, Fla., Chairman.

Western New York, Albany, Oct. 19. Dr. John H. Talbott, 100 High St., Buffalo 3, Governor.

West Virginia, Charleston, Sept. 29. Dr. Paul H. Revercomb, 1031 Quarrier St., Charleston 1, W. Va., Governor.

SOUTHEASTERN ALLERGY ASSOCIATION, Barringer Hotel, Charlotte, N. C., Oct. 5-6. Dr. Katharine B. MacInnis, 1515 Bull St., Columbia 1, S. C., Secretary.

(Continued on page 26)

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SOUTHERN MEDICAL ASSOCIATION, Sheraton-Park Hotel, Washington, D. C., Nov. 12-15. Mr. V. O. Foster, 1020 Empire Bldg., Birmingham 3, Ala., Executive Secretary.

SOUTHWESTERN CANCER CONFERENCE, Hilton Hotel, Fort Worth, Texas, Oct. 26-27. Dr. John J. Andujar, 1404 Pennsylvania, Fort Worth 4, Texas, Chairman.

SYMPOSIUM ON ABDOMINAL CONDITIONS, Hotel Charlotte, Charlotte, N. C., Nov. 8. Dr. Philip Naumoff, 407 Doctors Bldg., Charlotte 7, N. C., Chairman Program Committee.

TENNESSEE VALLEY MEDICAL ASSEMBLY, Read House, Chattanooga, Oct. 1-2. Dr. Harry E. Jones, 109 Medical Arts Bldg., Chattanooga 2, Secretary.

VERMONT STATE MEDICAL SOCIETY, Wentworth-by-the-Sea, Newcastle, N. H., Sept. 27-29. Dr. Robert L. Richards, 128 Merchants Row, Rutland, Secretary.

VIRGINIA, MEDICAL SOCIETY OF, Hotel Roanoke, Roanoke, Oct. 14-17. Mr. Robert I. Howard, 105 West Franklin St., Richmond 20, Executive Secretary.

WESTERN CARDIAC CONFERENCE, Cosmopolitan Hotel, Denver, Nov. 5-10. For information address: Mr. A. Seikel, Executive Director, Colorado Heart Association, 901 E. 17th Ave., Denver 18.

WESTERN ORTHOPEDIC ASSOCIATION, Arizona Biltmore Hotel, Phoenix, Ariz., Oct. 31-Nov. 3. Dr. John H. Ricker, 926 East McDowell Rd., Phoenix, Ariz., Secretary.

FOREIGN AND INTERNATIONAL

ASSOCIATION OF INDUSTRIAL MEDICAL OFFICERS, London School of Hygiene and Tropical Medicine, London, W.C.1, England, Sept. 24-28, 1956. Dr. J. A. A. Mekelburg, Peek, Frean and Company, Ltd., Keetons Rd., Bermondsey, London, S.E. 16, England, Honorable Secretary.

AUSTRIAN CONGRESS OF INDUSTRIAL MEDICINE, Vienna, Austria, Oct. 1-4, 1956. Dr. Ch. Frieberger, Austrian Society for Industrial Medicine, Kinderspitalgasse 15, Vienna, Austria, Organizing Secretary.

CANADIAN MEDICAL ASSOCIATION, Edmonton, Alberta, Canada, June 17-21, 1957. Dr. A. D. Kelly, 150 St. George Street, Toronto 5, Ont., Canada, General Secretary.

CANADIAN PHYSIOLOGICAL SOCIETY, University of Montreal, Montreal, P. Q., Canada, Oct. 18-20, 1956. Dr. J. M. R. Beveridge, Dept. of Biochemistry, Queen's University, Kingston, Ont., Canada, Secretary.

CHILEAN CONGRESS OF INTERNAL MEDICINE, Santiago, Chile, S. A., Oct. 1-6, 1956. Prof. Francisco Rojas Villegas, Avda. Bernardo O'Higgins 160, Hospital San Fco. de Borja, Santiago, Chile, S. A., Secretario General del Congreso.

CONGRESS OF FRENCH SOCIETY OF OPHTHALMOLOGY, Paris, France, May 12-16, 1957. Dr. Marcel Kalt, 81 rue Saint-Lazare, Paris 9e, France, Secretary.

CONGRESS OF INTERNATIONAL ANESTHESIA RESEARCH SOCIETY, Phoenix, Ariz., U. S. A., April 1-4, 1957. For information address: Dr. A. William Friend, Wade Park Manor, Cleveland 6, Ohio, U. S. A.

CONGRESS OF INTERNATIONAL ASSOCIATION FOR STUDY OF THE BRONCHI, Lisbon, Portugal, May 25-26, 1957. For information address: Prof. F. Lopo de Carvalho, 138 rua de Junqueira, Lisbon, Portugal.

CONGRESS OF INTERNATIONAL SOCIETY OF AUDIOLOGY, St. Louis, Missouri, U. S. A., May 14-16, 1957. For information address: Dr. S. Richard Silverman, 818 South Kingshighway, St. Louis 10, Missouri, U. S. A.

CONGRESS OF INTERNATIONAL SOCIETY FOR CELL BIOLOGY, St. Andrews, Fife, Scotland, Aug. 28-Sept. 3, 1957. Prof. H. G. Callan, Bell Pettigrew Museum, The University, St. Andrews, Fife, Scotland, Secretary General.

CONGRESS OF INTERNATIONAL SOCIETY OF ORTHOPEDIC SURGERY AND TRAUMATOLOGY, Barcelona, Spain, Sept. 16-21, 1957. For information address: International Society of Orthopedic Surgery and Traumatology, 34, rue Montoyer, Brussels, Belgium.

CONGRESS OF INTERNATIONAL SOCIETY OF SURGERY, Mexico City, Mexico, Oct. 27-Nov. 2, 1957. Dr. L. Dejardin, 141, rue Belliard, Brussels, Belgium, General Secretary.

CONGRESS OF INTERNATIONAL UNION AGAINST TUBERCULOSIS, New Delhi, India, Jan. 7-11, 1957. For information address: International Union Against Tuberculosis, 15 rue Pomerue, Paris 16e, France.

IBERO LATIN AMERICAN CONGRESS OF DERMATOLOGY, Mexico, D. F., Mexico, Oct. 21-27, 1956. Dr. Manuel Malacara, Centro Dermatologico Pascua, Calle Dr. Garciadiego 21, Mexico 7, D. F., Mexico, Secretario.

INTER-AMERICAN CONGRESS OF CARDIOLOGY, Havana, Cuba, Nov. 11-17, 1956. For information address: Dr. Ramon Aixala, Apartado 2108, Havana, Cuba.

INTER-AMERICAN CONGRESS OF PAN AMERICAN MEDICAL ASSOCIATION, Mexico City, Mexico, Nov. 18-22, 1957. Dr. Joseph J. Eller, 745 Fifth Ave., New York 22, N. Y., U. S. A., Executive Director.

INTERIM CONGRESS OF PAN AMERICAN ASSOCIATION OF OPHTHALMOLOGY, Hotel Statler, New York, N. Y., U. S. A., April 7-10, 1957. Dr. Brittain F. Payne, 17 East 72d Street, New York 21, N. Y., U. S. A., President.

INTERNATIONAL CANCER CYTOLOGY CONGRESS, Drake Hotel, Chicago, Illinois, U. S. A., Oct. 8-13, 1956. For information address: Dr. A. H. Dearing, College of American Pathologists, Prudential Plaza, Suite 2115, Chicago 1, Illinois, U. S. A.

INTERNATIONAL CONGRESS OF CLINICAL PATHOLOGY, Brussels, Belgium, July 15-20, 1957. Prof. M. Welsch, Service de Bacteriologie et de Parasitologie, Universite de Liege, 32 Blvd. de la Constitution, Liege, Belgium, Secretary General.

INTERNATIONAL CONGRESS OF DERMATOLOGY, Stockholm, Sweden, July 31-Aug. 6, 1957. Dr. C. H. Floden, Karolinska, Sjukhuset, Hudkliniken, Stockholm 60, Sweden, Secretary General.

INTERNATIONAL CONGRESS OF ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY, Brussels, Belgium, July 21-28, 1957. For information address: Dr. R. G. Bickford, Mayo Clinic, Rochester, Minnesota, U. S. A.

INTERNATIONAL CONGRESS OF EUROPEAN SOCIETY OF HAEMATOLOGY, Copenhagen, Denmark, Aug. 26-31, 1957. Dr. Aage Videbask, Blegdamsvej 11, Copenhagen, Denmark, Secretary General.

INTERNATIONAL CONGRESS OF INTERNATIONAL SOCIETY OF BRONCHOESOPHAGOLOGY, Philadelphia, Pennsylvania, U. S. A., May 12-13, 1957. Dr. Chevalier L. Jackson, 1901 Walnut St., Philadelphia 3, Pennsylvania, U. S. A., Secretary.

INTERNATIONAL CONGRESS ON MEDICAL RECORDS, Shoreham Hotel, Washington, D. C., U. S. A., Oct. 1-5, 1956. For information address: Miss Doris Gleason, Executive Director, American Association of Medical Record Librarians, 510 North Dearborn St., Chicago 10, Illinois, U. S. A.

INTERNATIONAL CONGRESS ON MEDICAL AND SCIENTIFIC FILM, Palace of Expositions at the Valentino, Turin, Italy, June 1-9, 1957. For information address: Secretariat, Minerva Medica. Corso Bramante 83-85, Turin, Italy.

INTERNATIONAL CONGRESS ON MEDICINE AND SURGERY, Palazzo of Expositions at the Valentino, Turin, Italy, June 1-9, 1957. For information address: Segreteria Generale, Minerva Medica. Corso Bramante 83-85, Turin, Italy.

INTERNATIONAL CONGRESS OF MILITARY MEDICINE AND PHARMACY, Beograd and Opatija, Yugoslavia, Sept. 29-Oct. 5, 1957. Colonel Dr. Aleksandar Mezic, rue Nemanjina 15, Beograd, Yugoslavia, Secretary General.

INTERNATIONAL PROFESSIONAL UNION OF GYNECOLOGISTS AND OBSTETRICIANS, Madrid, Spain, Sept. 28-29, 1956. Dr. Jacques Courtois, 1 rue Racine, St-Germain-en-Laye (S and O), France, Permanent International Secretary-General.

LATIN AMERICAN CHAPTER, INTERNATIONAL SOCIETY OF ANGIOLOGY, Havana, Cuba, Nov. 8-11, 1956. Dr. Armando Nuñez Nuñez, 25 No. 510 Vedado, Havana, Cuba, President.

PAN AMERICAN HOMEOPATHIC MEDICAL CONGRESS, Hotel Del Prado, Mexico City, D. F., Mexico, Oct. 14-27, 1956. Dr. Paul S. Schantz, 103 W. Main St., Ephrata, Pa., U. S. A., Executive Secretary.

PERSIAN GULF MEDICAL SOCIETY, Dhahran, Saudi Arabia, Nov. 14-15, 1956. For information address: Dr. Robert C. Page, Medical Director, Arabian American Oil Company, Dhahran, Saudi Arabia.

WORLD CONGRESS OF INTERNATIONAL ABOLITIONIST FEDERATION, Frankfort-am-Main, Germany, Oct. 17-19, 1956. For information address: Federation Abolitionniste Internationale, Place des Nations, Genève, Switzerland.

WORLD MEDICAL ASSOCIATION, Havana, Cuba, Oct. 9-15, 1956. Dr. Louis H. Bauer, 10 Columbus Circle, New York 19, New York, U. S. A., Secretary-General.

MAGAZINE—TELEVISION REPORT

The following list of current medical articles in mass-circulation magazines and forthcoming network television programs on medical subjects is published each week only for the information of readers of THE JOURNAL. *Unless specifically stated, the American Medical Association neither approves nor disapproves of the articles and programs reported.*

TELEVISION

Sunday, Sept. 30

ABC-TV, 4:30 p.m. EDT. "Medical Horizons" takes its cameras to Rockland State Hospital, Orangeburg, N. Y., for a report on mental rehabilitation. The film is produced in cooperation with the American Medical Association.

Monday, Oct. 1

NBC-TV, 9 p.m. EDT. "Medic" repeats a program shown last season.

MAGAZINES

Parade, Sept. 23, 1956

"We're Saving One Out of Three," by Dr. E. C. Hammond

The director of statistical research for the American Cancer Society says that recent studies show that the number of cancer patients "being saved" has increased from one-quarter to one-third. He adds that present techniques of treatment are being improved, and "we hope that, before too long, this will result in perhaps 50 per cent of all cancer patients being cured."

Look, Oct. 2, 1956

"What Psychoanalysis Did For Me," by Sid Caesar as told to Richard Gehman

The NBC comedian tells how a series of treatments by a psychiatrist enabled him to evaluate his own experiences and thus to adjust himself to life's problems.

Coronet, October, 1956

"Autopsies: Why They're Necessary," by Evan McLeod Wylie

"The post-mortem medical procedure known as an autopsy continues to be one of the most feared and misunderstood practices of medicine." The author tells how an autopsy is performed and explains its value to medicine and to the family of the deceased.

"The Spectacular New Technique That Brings 'Dead' Heart Victims Back to Life," by Calvin Kytle

Dr. C. S. Beck says it is only a matter of time until the technique of heart massage is advanced to the point where it can be used by trained rescue squads whenever people "die" of heart attacks.

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RAUWILOID® (alseroxylon) is recognized as basal medication in all grades and types of hypertension. Alone, it controls most mild, labile cases. When more potent agents are required, their combination with Rauwiloid permits smaller doses with resultant reduction or elimination of side effects, and a more stable, dependable therapeutic response.

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RAUWILOID + HEXAMETHONIUM in single-tablet combination provides smoother, less erratic response to oral hexamethonium. Indicated in severe, otherwise intractable hypertension. The combination permits up to 50% less hexamethonium to exert full effect. Each tablet contains 1 mg. Rauwiloid and 250 mg. hexamethonium chloride dihydrate. Initial dose, 1/2 tablet q.i.d.

Riker

LOS ANGELES

From other Pages

New Problems of Food Safety

One important group of current food safety problems stems from employment, in food production, of a long and lengthening series of chemical adjuvants—insecticides and insect repellents, fungicides, herbicides, defoliants, plant growth regulants, animal growth stimulants and medicaments, crop protectants and fumigants. These substances are commonly of complex, sometimes uncertain, and even occasionally unknown chemical identity. . . . In processing, food may receive preservatives, antioxidants, colors, bleaches, flavors, coatings, drying agents, moistening agents, thickening agents, sequestering agents, "aging" agents, stabilizers, emulsifiers, neutralizers, acidifiers, sweeteners—in short, retainers, modifiers, and inhibitors of virtually every property natural food may exhibit. . . . Associated with food production and processing are new equipment cleaners, sanitizers, and lubricants, new surfacing materials, and new alloys composing the equipment itself, any of which may get into the product.

Today's food packages, incorporating new plastics, enamels, films, and tissues, with their own plasticizers, antioxidants, catalysts, impregnants, coatings, and the like, are still another potential sources of additives to the very food which these materials are intended to protect from contamination. . . .

It would hardly be possible, these days, to discuss food-safety problems without bringing to mind those that could conceivably stem from what many informed food technologists believe to be a promising application of atomic energy, that is, so-called cold sterilization. This is accomplished by exposure of food to ionizing rays, either gamma rays, which are not basically different from the more familiar X-rays, or beta rays, which are simply fast-moving electrons. Nothing of significant substance is added to the food so processed; energy alone is imparted to it. Energy in this form produces in organic matter the effect of ionization. Ionization is molecular change that increases chemical reactivity. Consequently, chemical reactions occur in food as a secondary result of its irradiation. One product of such reactions is peroxide, not only the simple and familiar hydrogen peroxide but peroxides of other kinds, perhaps including those of most complex molecular structure. There is yet no assurance, and it is theoretically improbable, that reactions occurring are solely those producing peroxides. . . .

Radiant energy holds promise of production practicability for such objectives as preventing the sprouting of potatoes, killing trichina organisms in pork, and insects infesting grain, pasteurizing a variety of foods sufficiently to extend their life very substantially without refrigeration, and retaining prominent elements of freshness in meat and other commodities. Energy requirements for accomplishing these purposes vary. Sprouting of potatoes, for example, is inhibited at relatively low energy input; sterilization of micro-organisms generally requires almost 10 times as much. As energy requirements increase, so do unfavorable side effects. The process is not promising for milk, for example, because of disagreeable flavor changes produced by changes produced by energy input far lower than enough to pasteurize. Nutrient values are also affected at energy input sufficient to sterilize. Vitamins A, thiamine, riboflavin, pyridoxine, B_{12}, ascorbic acid, and niacin are destroyed in varying degree, and some alteration in nutritive value of protein has been observed. . . .

One class of potential food production adjuvants . . . is the antibiotics. . . . They combat development of bacteria, the prime cause of food spoilage. It is not so generally appreciated that their medical usage is attended by distinct hazard of sensitization, varying in degree with different antibiotics. To the individual who is or has become sensitized, administration of an antibiotic may cause serious illness or even death. A method of developing sensitization is by administering the agent in small repeated dosage, in a manner paralleling that of repeatedly ingesting food preserved with an antibiotic. The use of antibiotics as food production adjuvants in ways such that they actually are consumed is therefore manifestly contrary to the public interest, and the Food and Drug Administration has formally so declared. However, there are a few justifiable uses of antibiotics in food production or processing. For example, it has been shown that fresh dressed chicken cooled in ice water containing 10 p.p.m. chlortetracycline will not absorb more than 7 p.p.m. of the antibiotic in any portion of the flesh, and that more than 99 per cent of this pickup will be destroyed by any type of cooking sufficient to make the chicken suitable for consumption. The cooked treated chicken exhibits antibiotic activity no greater than that of untreated chicken. On this evidence, a tolerance of 7 p.p.m. of chlortetracycline, not to be exceeded in any part of the flesh, has been established for raw chicken.—F. Vorhes and Arnold Lehman, M.D., New Problems of Food Safety, *Public Health Reports*, June, 1956.

Carbon 14 Dating

The development of carbon 14 dating is a very absorbing story. Dr. William F. Libby, a member of the Atomic Energy Commission; Dr. E. C. Anderson, Dr. A. V. Grosse and others discovered the radioactivity of the carbon isotope of mass 14 usually referred to as carbon 14 which is formed by active cosmic rays from outer space entering the earth's atmosphere. Cosmic rays produce neutrons which react with nitrogen in high altitudes to create atoms of carbon 14 having nuclei composed of 14 nucleons. These carbon 14 atoms settle to the earth's surface as a component of carbon dioxide and are inhaled by human beings and animals and absorbed by growing plants. The ratio of carbon 14 atoms to ordinary carbon is the same in all plants and animals, about one to one trillion. All radioactive substances gradually disintegrate. Carbon 14 emits beta rays and has a half-life of about 5,500 years. . . . During the life of plants and animals, the carbon 14 is exchanged continually; new is taken in and old is lost. After death there is no renewal but disintegration continues. On this basis, the interval since death can be measured by estimating the amount of carbon 14 still present in proportion to the ordinary carbon which does not disintegrate. For instance, if the carbon 14 is reduced to one-fourth of the original ratio, the relic is some 11,000 years old. . . . Great accuracy has been demonstrated by this system of carbon 14 dating through tests on objects of known age. For example, the age of redwood trees previously determined by dendrology, the science of tree ring measurement, agreed with the carbon 14 dating. The lower limit is about 1,000 years for materials of less age do not deviate from zero activity appreciably. The upper limit is about 33,000 years for only a minute amount of activity remains after that time. Many samples of man-made relics have been tested from all parts of the United States hoping to estimate the time of arrival of the Early Americans. Some indicate surprising antiquity. Fiber sandals removed from Fort Rock Cave, Oregon indicate an age of 9,000 years. Fragments of baskets from Danger Cave, Utah may be 9,300 years old. Some charcoal deposits found in an ancient lake bed near Tule Springs, Nevada, show a carbon 14 dating of more than 23,800 years. Perhaps we shall have to revise our opinion of Mongoloid man's arrival in America to much earlier dates than heretofore assumed.—C. Sellers, M.D., Early Americans VI: Carbon 14 Dating, *Detroit Medical News*, July 9, 1956.

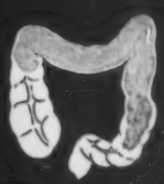
Your Clinical Need: Fecal Softening

Constipation—dry feces

The Answer: **DOXINATE**

Penetration by Doxinate

the **original** dioctyl sodium sulfosuccinate for treating constipation



Resultant soft, formed feces

Doxinate introduces an entirely new principle to the treatment of constipation. Doxinate's action is only on the bowel contents—not on the bowel itself.

Doxinate does nothing but permeate and soften the fecal mass. By lowering surface tension, this inert chemical makes the bowel contents absorb and retain fluids. Once Doxinate has eliminated hard, dry stools, normal intestinal peristalsis takes over and completes evacuation.

Wilson and Dickinson[1] concluded after experience with many hundreds of cases: "In our opinion, dioctyl sodium sulfosuccinate has wide usefulness in the treatment of constipation because a good therapeutic effect can be obtained without the danger of toxicity or decreasing effectiveness even when used regularly for indefinite periods of time."

The efficacy and safety of Doxinate make it particularly indicated wherever normal bowel habits are desired—such as in geriatric, pediatric, obstetric and surgical patients.

Doxinate does not irritate the bowel or cause "griping" or flatulence.

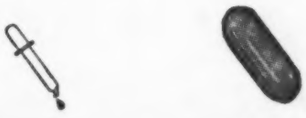
Doxinate is not oily and does not leak or interfere with vitamin assimilation or other digestive processes.

Doxinate is not a bulk producer. You can prescribe Doxinate without fear of its causing "bloat," "fullness" or impaction.

dosage:

Adults: two or three 60 mg. green capsules daily.

Infants and Children—1 cc. or 2 cc. of Doxinate Solution 5% daily in milk, formula or fruit juice.



1. Wilson, J. L., and Dickinson, D. G.: *J.A.M.A.* *158*:261 (May 28) 1955.

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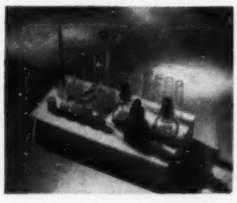

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Icterus Index (Micro)
Kline Test for Syphilis
pH of Blood
pH of Urine
Phenolsulfonphthalein (Block Type)
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NATIONAL ORGANIZATIONS OF MEDICAL INTEREST

SOCIETY	PRESIDENT	SECRETARY	MEETING
American			
Public Health Association	Ira V. Hiscock, New Haven, Conn.	R. M. Atwater, 1790 Broadway, New York 19	Atlantic City, N. J., Nov. 12-16
Radium Society	N. A. McCormick, Windsor, Ont., Canada	Theodore R. Miller, 139 East 36th St., New York 16	Quebec City, Can., May 30-June 1
Rheumatism Assn.	William D. Robinson, Ann Arbor, Mich.	Edward F. Hartung, 580 Park Ave., New York 21	Toronto, Can., June 23-28
Roentgen Ray Society	Paul C. Hodges, Chicago	Barton R. Young, Germantown Hosp., Philadelphia 44	Los Angeles, Sept. 25-28
School Health Assn.	I. P. Barrett, Fort Worth, Tex.	A. O. DeWeese, 515 E. Main St., Kent, Ohio	Atlantic City, N. J., Nov. 12-18
Society for Clinical Investigation	A. McGehee Harvey, Baltimore 5	J. D. Meyers, U. of Pittsburgh, Sch. of Med., Pittsburgh 12	
Society for Experimental Pathology	Frank W. Hartman, Detroit	Cyrus C. Erickson, 858 Madison Ave., Memphis 3, Tenn.	Chicago, April 15-19
Society for Pharm. & Ex. Ther.	Harry Beckman, Milwaukee 3	Harold Hodge, Univ. of Rochester, Rochester 20, N. Y.	Louisville, Ky., Oct. 22-25
Society for the Study of Sterility	W. T. Pommerenke, Rochester, N. Y.	H. H. Thomas, 920 S. 19th St., Birmingham, Ala.	New York, May 31-June 2
Society of Anesthesiologists	Scott M. Smith, Salt Lake City 11	J. E. Remlinger, Jr., 188 W. Randolph St., Chicago 1	Kansas City, Mo., Oct. 8-12
Society of Biological Chemists	H. E. Carter, Urbana, Ill.	Philip Handler, Duke University, Durham, N. C.	Chicago, April 15
Society of Clinical Pathologists	Emma S. Moss, New Orleans 12	C. G. Culbertson, 1040 W. Michigan St., Indianapolis 6	Chicago, Oct. 7-12
Society of Maxillofacial Surgeons	Douglas B. Parker, New Orleans	John A. Drummond, 1414 Drummond St., Montreal 25, Can.	Minneapolis, May 12-15
Society of Tropical Medicine & Hygiene	Asa C. Chandler, Houston 1, Texas	John E. Larsh, Jr., Univ. of N. Car., Chapel Hill, N. C.	New Orleans, Oct. 31-Nov. 3
Surgical Assn.	Loyal Davis, Chicago	R. Kennedy Gilchrist, 59 E. Madison St., Chicago 3	Chicago, May 8-10
Therapeutic Society	Gerald H. Pratt, New York	O. B. Hunter, Jr., 915 19th St., N.W., Washington, D. C.	New York, May 30-June 2
Trudeau Society	Paul C. Samson, Lafayette, Calif.	William G. Childress, 1790 Broadway, New York 19	Kansas City, Mo., May 6-9
Urological Assn.	George C. Prather, Brookline 46, Mass.	Samuel L. Raines, 188 S. Bellevue Blvd., Memphis, Tenn.	Pittsburgh, May 6-9
Venereal Disease Assn.	Ivan E. Martin, Modesto, Calif.	S. R. Taggart, 300 Indiana Ave, N.W., Wash. 1, D. C.	
Veterinary Medical Assn.	Floyd Gross, Fort Collins, Colo.	J. G. Hardenbergh, 600 S. Michigan Ave., Chicago 5	San Antonio, Tex., Oct. 15-18
Assn. for Research in Nervous & Ment. Dis.	Harry Solomon, Boston	Rollo J. Masselink, 700 W. 168th St., New York 32	New York, Dec. 7-8
Assn. for Research in Opthalmology	William B. Clark, New Orleans	Lorand V. Johnson, 10515 Carnegie Ave., Cleveland 6	
Assn. of American Medical Colleges	Robert A. Moore, Pittsburgh	Dean F. Smiley, 185 N. Wabash Ave., Chicago	Colorado Springs, Colo., Nov. 12-14
Assn. of American Physicians	C. Phillip Miller, Chicago 37	P. B. Beeson, Yale U. Sch. of Med., New Haven 11, Conn.	Atlantic City, N. J., May 7-8
Assn. of Life Ins. Med. Dir. of America	Ralph R. Simmons, Des Moines, Iowa	Henry B. Kirkland, P. O. Box 594, Newark 1, N. J.	New Orleans, Oct. 23-25
Assn. of Medical Illustrators	Mr. Leon Schlossberg, Baltimore 5	Miss Rose M. Reynolds, 42nd and Dewey Ave., Omaha 5	Iowa City, Oct. 5-7
Assn. of Military Surgeons of U. S.	W. Dana, U.S.N., Washington 25, D. C.	R. E. Bitner, 1726 I St., N.W., Washington 6, D. C.	Washington, D. C., Nov. 12-14
Assn. of State & Territorial Health Officers	Daniel Bergsma, Trenton, N. J.	Franklin D. Yoder, State Board of Health, Cheyenne, Wyo.	Washington, D. C., Nov. 2-10
Biological Photographic Assn.	Mr. H. Lou Gibson, Rochester 4, N. Y.	Miss J. Waters, Box 1668, Grand Central P. O., N. Y. 17	Rochester, N. Y., Aug. 27-31
Central Assn. of Ob. & Gyn.	Harold L. Gainey, Kansas City, Mo.	Edwin J. DeCosta, 104 S. Michigan Ave., Chicago 3	New Orleans, Oct. 4-6
Central Neuropsychiatric Assn.	Francis J. Gerty, Chicago	Hamilton Ford, 112 North Blvd., Galveston, Texas	Omaha, Neb., Oct., 1956
Central Society for Clinical Research	Randall Sprague, Rochester, Minn.	Robert H. Ebert, 950 E. 59th St., Chicago 37	Chicago, Nov. 9-10
Central Surgical Assn.	Robert M. Zollinger, Columbus 10, Ohio	Charles D. Branch, 102 North St., Peoria, Ill.	Chicago, Feb. 21-23
Clinical Orthopaedic Society	I. S. McReynolds, Houston, Texas	Marcus J. Stewart, 869 Madison Ave., Memphis, Tenn.	Cleveland, Oct. 5-6
College of American Pathologists	W. A. D. Anderson, Miami, Fla.	A. H. Dearing, Prudential Plaza, Suite 2115, Chicago 1	Chicago, Oct. 6-13
Gerontological Society	William B. Kountz, St. Louis 9	Nathan W. Shock, Baltimore City Hospitals, Baltimore 24	Chicago, Nov. 8-10
Industrial Medical Association	E. S. Jones, Hammond, Ind.	H. Glen Gardiner, Inland Steel Co., East Chicago, Ind.	St. Louis, April 22-26
Interstate Postgrad. Med. Assn. of N. A.	Alton Ochsner, New Orleans	Erwin R. Schmidt, 1300 University Ave., Madison 6, Wis.	Cleveland, Oct. 22-26
Medical Library Assn.	Miss Bertha B. Hallam, Portland 1, Ore.	Mrs. H. T. Perkins, 333 Cedar St., New Haven 11, Conn.	New York, May 6-10
National Medical Assn.	A. C. Terrence, Opelousas, La.	John T. Givens, 1108 Church St., Norfolk 10, Va.	
National Multiple Sclerosis Society	Mr. Ralph C. Glock, New York	Mr. Donald Vail, 270 Park Ave., New York 17	New York, March, 1957
National Proctologic Assn.	R. A. Winters, Chicago	George E. Mueller, 59 E. Madison St., Chicago 2	Chicago, Oct. 18-20
National Tuberculosis Assn.	Howard W. Bosworth, Los Angeles 26	Mrs. Morrell DeReign, 1790 Broadway, New York 19	Kansas City, Mo., May 5-10
Neurosurgical Society of America	Joshua A. Speigel, Chicago 2	Frank P. Smith, 260 Crittenden Blvd., Rochester 20, N. Y.	Palm Springs, Calif., Jan. 16-19
Radiological Society of North America	Clarence E. Hufford, Toledo, Ohio	D. S. Childs, 713 E. Genesee St., Syracuse 2, N. Y.	Chicago, Dec. 2-7
Society for Investigative Dermatology	Maximilian E. Obermayer, Los Angeles 5	Herman Beerman, 255 S. 17th St., Philadelphia 3	New York, June 1-2
Society for Pediatric Research	William M. Wallace, Cleveland 6	Sydney S. Gellis, 330 Brookline Ave., Boston 15	Carmel, Calif., June 16-21
Society for Vascular Surgery	Arthur H. Blakemore, New York 32	Henry Swan, 4200 East 9th Ave., Denver 20	New York, June 2
Society of American Bacteriologists	C. A. Stuart, Providence, R. I.	J. H. Bailey, Sterling-Winthrop Res. Inst. Rensselaer, N. Y.	Detroit, April 28-May 2
Society of Biological Psychiatry	Margaret A. Kennard, Vancouver, B. C.	George N. Thompson, 2010 Wilshire Blvd., Los Angeles 57	Atlantic City, N. J., June 15-16
Society of Clinical Surgery	Richard K. Gilchrist, Jr., Chicago	F. F. Albritten, Jr., Univ. of Kans., Kansas City, Kan.	
Society of Neurological Surgeons	Edgar F. Fincher, Emory University, Ga.	Bronson S. Ray, 525 E. 68th St., New York 21	
Society of University Surgeons	Harold A. Zintel, Philadelphia 4	James Hardy, Hospital of the U. of Miss., Jackson, Miss.	Columbus, Ohio, Feb., 1957
Southeastern Surgical Congress	J. O. Morgan, Gadsden, Ala.	B. T. Beasley, 45 Edgewood Ave. S.E., Atlanta 3, Ga.	St. Petersburg, Fla., April 1-4
Southern Medical Assn.	W. Raymond McKenzie, Baltimore 1	Mr. V. O. Foster, Empire Bldg., Birmingham 3, Ala.	Washington, D. C., Nov. 12-15
Southern Surgical Assn.	Deryl Hart, Durham, N. C.	George G. Finney, 2947 St. Paul St., Baltimore 18	Boca Raton, Fla., Dec. 4-6
Southwestern Medical Assn.	John Dettweiler, Albuquerque, N. Mex.	Russell L. Deter, 1501 Arizona St., El Paso, Tex.	Albuquerque, N. Mex., 1956
Southwestern Surgical Congress	John V. Goode, Dallas, Texas	C. M. O'Leary, 207 Plaza Court Bldg., Oklahoma City	Wichita, Kans., April 15-17
Student American Medical Assn.	Mr. Kent Guild, Chicago	Mr. Russell F. Staudacher, 510 N. Dearborn St., Chicago 10	Philadelphia, May 3-5
The Endocrine Society	Warren O. Nelson, New York	H. H. Turner, 1200 N. Walker St., Oklahoma City	
U. S. Section, Internat'l Coll. of Surgeons	Arnold S. Jackson, Madison, Wis.	Karl Meyer, 1516 Lake Shore Dr., Chicago	
Western Industrial Medical Assn.	Packard Thurber Jr., Los Angeles 14	Edward J. Zaik, 740 S. Olive St., Los Angeles 14	
Western Orthopedic Assn.	James Lytton-Smith, Phoenix, Ariz.	John Ricker, 926 E. McDowell Rd., Phoenix	Phoenix, Ariz., Oct. 30-Nov. 3
Western Society of Electro-Encephalography	Arthur A. Ward Jr., Seattle	S. N. Berens, 902 Boren Ave., Seattle	
Western Surgical Assn.	Charles G. Johnston, Detroit	John T. Reynolds, 612 N. Michigan Blvd., Chicago 11	Cincinnati, Nov. 29-Dec. 1
Woman's Auxiliary to the Am. Med. Assn.	Mrs. Robert Flanders, Manchester, N. H.	Miss Margaret Wolfe, 535 N. Dearborn St., Chicago 10	New York, June 3-7
World Medical Assn.	Karl Niederberger, Vienna 1, Austria	Louis H. Bauer, 10 Columbus Circle, New York 19	Havana, Cuba, Oct. 9-15

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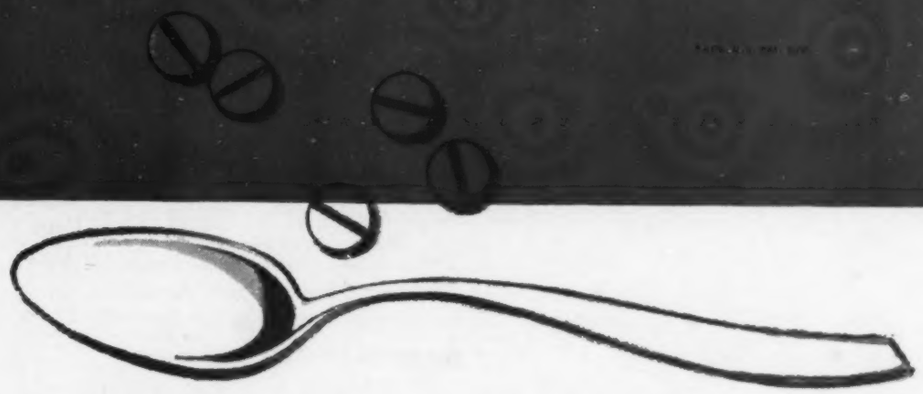


Meat Protein...

and the Many Physiologic Functions of Its Amino Acids

The amino acids supplied by meat protein function in many vital ways in addition to their well-known role in the growth and maintenance of tissues. They participate in the body economy as precursors of hormones, vitamins, enzymes, and other physiologic agents.*

Some of the important amino acids supplied by the protein of meat include: tryptophan (utilized for the endogenous production of niacin); tyrosine (the precursor of thyroxine and triiodothyronine); phenylalanine (converted to melanin, a pigment found in the skin, hair, retina, and other tissues; both phenylalanine and tyrosine are precursors of the hormones noradrenalin and adrenalin); glycine (participates in the formation of glutathione, a tripeptide important in tissue oxidation, in the biosynthesis of glycocholic acid, and in the production of purines, uric acid, and porphyrins used structurally for hemoglobin, cytochromes, and iron-containing enzymes); methionine (an important lipotropic agent; participates in transmethylation processes in which creatine, adrenalin, and choline phospholipids are formed).

Top quality protein, as supplied by meat, yields important amino acids for participation in these and other important functions. The excellent balance of available amino acids is an outstanding feature of meat protein.

*Geiger, E.: Digestion, Absorption and Metabolism of Protein, in Wohl, M. G., and Goodhart, R. S.: Modern Nutrition in Health and Disease, Philadelphia, Lea & Febiger, 1955, pp. 98-143.

The nutritional statements made in this advertisement have been reviewed by the Council on Foods and Nutrition of the American Medical Association and found consistent with current authoritative medical opinion.

American Meat Institute
Main Office, Chicago...Members Throughout the United States

new

a new measure in therapy of overweight

PRELUDIN

(brand of phenmetrazine hydrochloride)

...chemically different...clinically distinctive anorexiant

A totally new development in anorexigenic therapy, PRELUDIN substantially reduces the discomfort in reducing.

Distinctive in its Chemistry: PRELUDIN is a totally new compound of the oxazine series.

Distinctive in its Effectiveness: In three years of clinical trials PRELUDIN has consistently demonstrated outstanding ability to produce significant and progressive weight loss through voluntary effortless restriction of caloric intake.

Distinctive in Tolerance: Clinical reports indicate only a minimal incidence of palpitations or nervous excitement. It may be administered with relative safety to patients with diabetes or moderate hypertension.

For your patient's greater comfort: PRELUDIN curtails appetite without destroying enjoyment of meals...causes a mild elevation of mood that keeps the patient in an optimistic and cooperative frame of mind.

Recommended Dosage: One tablet two or three times daily taken one hour before meals. Occasionally smaller dosage suffices.

PRELUDIN® (brand of phenmetrazine hydrochloride) Scored, square, pink tablets of 25 mg
Under license from C. H. Boehringer Sohn, Ingelheim

Geigy

GEIGY PHARMACEUTICALS
Division of Geigy Chemical Corporation • Ardsley, N.Y.

GEIGY

Erythromycin in the treatment of osteomyelitis*

8/3/55

CASE SUMMARY

On 6/2/55, patient, male, age 28, fell on an old fracture and refractured the middle third of the right femur, superimposed on an old osteomyelitis.

On 7/7/55, the wound was saucerized and a hemolytic S. aureus (coag. +) was isolated from the osteomyelitis. Disc sensitivities were: penicillin, 10 units; erythromycin, 10 mcg.; tetracycline, 10 mcg.

On 7/15, the patient was placed on erythromycin therapy 400 mgm. q. 6. h. Patient afebrile after erythromycin started. X-rays showed evidence of healing with callus formation. No septicemia and clinical evidence indicates control of the infection.

On 8/3, the cast was removed and leg recast. Wound was in good condition with minimal drainage.

Diagnosis: fracture middle third of right femur, complicated by osteomyelitis.

Result: erythromycin aided healing of the old osteomyelitis and kept the infection under control.

* *Communication to Abbott Laboratories*

specific against

coccic infections

Specific—because you can actually pinpoint the therapy for coccic infections. That's because most bacterial respiratory infections are caused by staph-, strep-and pneumococci. And these are the very organisms most sensitive to ERYTHROCIN—even when in many cases they resist other antibiotics.

filmtab®

Erythrocin®

(Erythromycin, Abbott)
STEARATE

with little risk of

serious side effects

Low toxicity—because ERYTHROCIN rarely alters intestinal flora. Thus, your patients seldom get gastroenteral side effects. Or loss of vitamin synthesis in the intestine. Virtually, no allergic reactions, either. *Filmtab* ERYTHROCIN Stearate (100 and 250 mg.), bottles of 25 and 100. Abbott

filmtab®

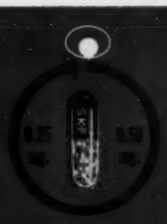
Erythrocin®

(Erythromycin, Abbott)
STEARATE

® Filmtab—film-sealed tablets; pat. applied for

609216

round-the-clock reserpine effect
with only one oral dose



at no increase in cost
over reserpine tablet therapy

Eskaserp*
reserpine, S.K.F.

Spansule*
sustained release capsules, S.K.F.

first in sustained release oral medication

keeps blood pressure down;
provides gentle,
long-lasting relaxation

*T.M. Reg. U.S. Pat. Off. Patent Applied For.

announcing the new

Improved McKesson

DERMOLOR
(Compact Direct-Reading Temperature Unit)

with these fine new features—

- Permanent Applicators . . . almost indestructible
- New Utility . . . just plug any one of three applicators into instrument panel
- Flat Chrome-Plated Disc . . . for skin-surface temperature reading
- New Rectal Applicator . . . for reading body temperatures
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McKesson
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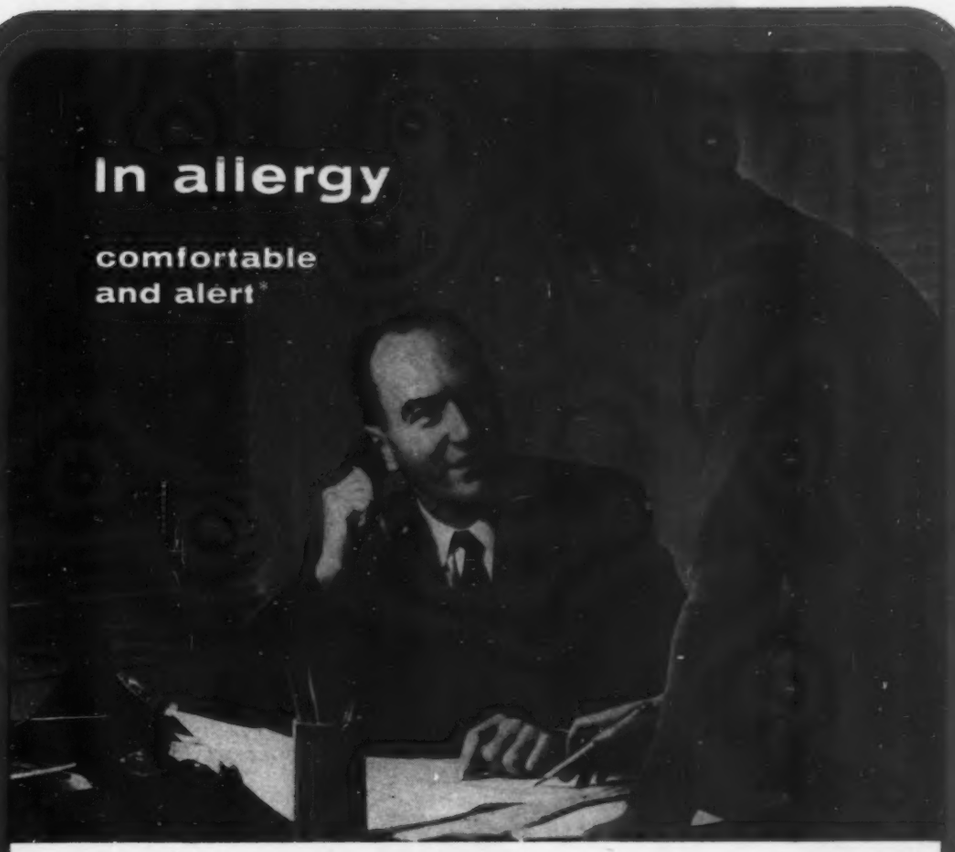
Now in production . . . and stocked by all McKesson Dealers!

A Brochure on the improved McKesson Dermolor is yours for the asking. Just drop a note or card to . . .

McKESSON APPLIANCE COMPANY • TOLEDO 10, OHIO

"I suggest you get into some other line of work . . . Like writing confession stories!"



***"Only a small percentage had drowsiness..."[1]**

℞ Neohetramine

THONZYLAMINE HCl

Clinical experience[1,3-5] has shown that Neohetramine lives up to expectations for an antihistamine preparation because:

...*it is well tolerated*[6]

...*sedation is slight, infrequent*[1,2]

...it is *effective for* hay fever, allergic rhinitis and dermatitis and dermatitis urticaria, angioneurotic edema, serum sickness and other allergies responsive to antihistaminic treatment.

Supplied
Tablets—25, 50, and 100 mg.
Syrup—25 mg. per teaspoonful

1. Crieg, L. H., and Aaron, T.: J. Pediat. *34*:414, 1949.
2. New and Nonofficial Remedies, Philadelphia, J. B. Lippincott Company, 1956, p. 13.
3. Schwartz, E.: Ann. Allergy *7*:770, 1949.
4. Basic Drugs. U.S. Public Health Service Hospitals and Clinics, Federal Security Agency, P.H.S. 1953, p. 99.
5. Feinberg A. R.: Postgrad. Med. *13*:266, 1953.
6. Friedlaender, S., and Friedlaender, A. S.: J. Lab. & Clin. Med. *33*:865, 1948.

NEPERA

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Nepera Park, Yonkers 2, N.Y.

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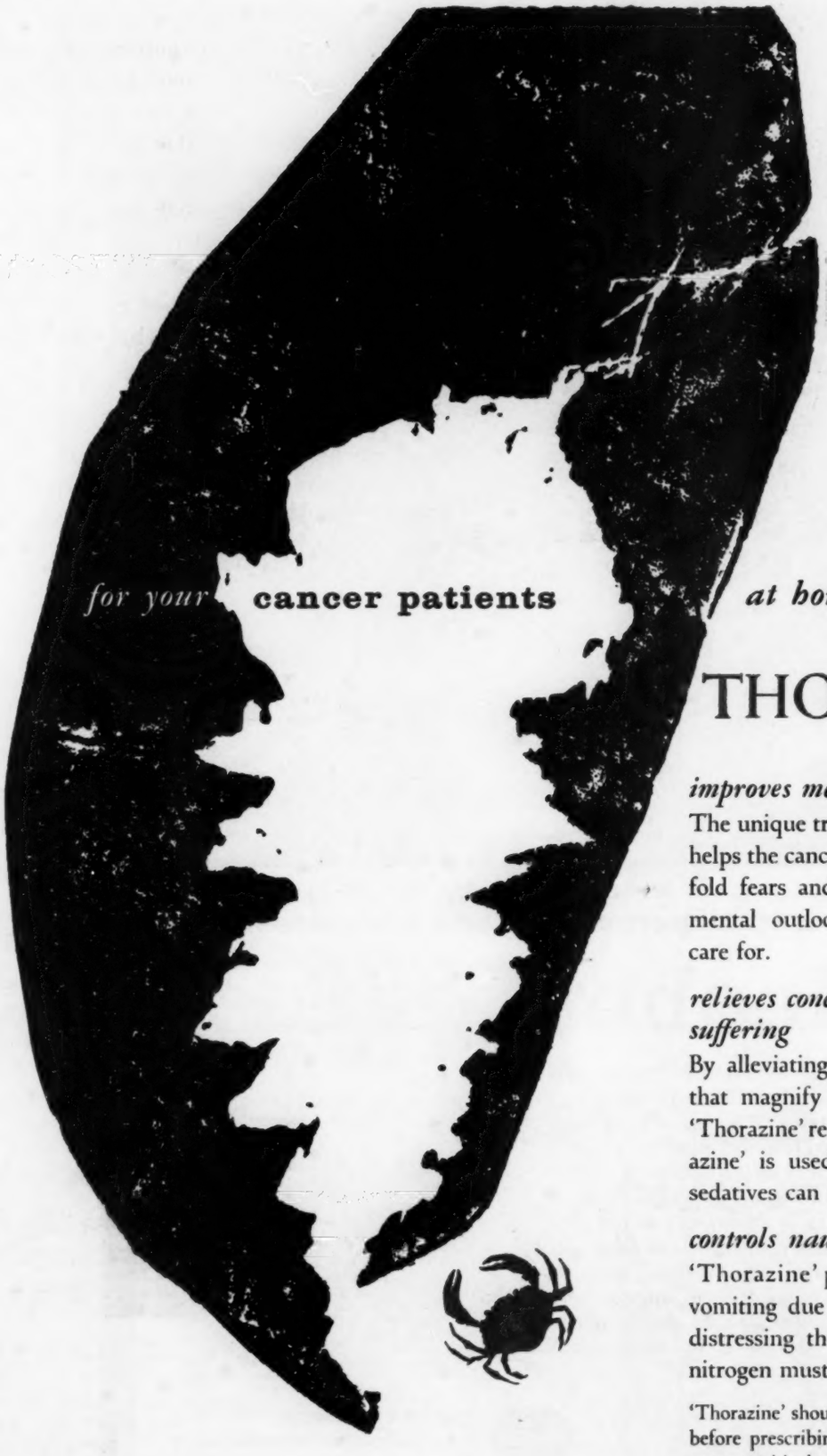

for your **cancer patients** *at home or in the hospital*

THORAZINE*

improves mental outlook

The unique tranquilizing effect of 'Thorazine' helps the cancer patient to overcome his manifold fears and anxieties, thus improving his mental outlook and making him easier to care for.

relieves concern over pain and reduces suffering

By alleviating the tension and apprehension that magnify the patient's reaction to pain, 'Thorazine' reduces his suffering. When 'Thorazine' is used, the dosage of narcotics and sedatives can usually be reduced.

controls nausea and vomiting

'Thorazine' promptly controls nausea and vomiting due either to the malignancy or to distressing therapies such as irradiation and nitrogen mustards.

'Thorazine' should be administered discriminately and, before prescribing, the physician should be fully conversant with the available literature.

'Thorazine' is available in ampuls, tablets and syrup (as the hydrochloride), and in suppositories (as the base).

Smith, Kline & French Laboratories, Philadelphia

*T.M. Reg. U.S. Pat. Off. for chlorpromazine, S.K.F.

ACHROMYCIN*

HYDROCHLORIDE
TETRACYCLINE HCl

ointment

controls infection in
minor skin conditions

bland, soothing, permits normal healing.
Excellent for wounds, abrasions,
after surgery.

A tube of ACHROMYCIN Ointment 3% can readily become one of the most-used preparations in your office (and one of the most prescribed). You will find this single ointment handy and effective for treating a great variety of minor skin wounds and abrasions, and for prophylaxis after simple surgery. Use it to combat infection or to prevent it. ACHROMYCIN Ointment does not burn or destroy healthy tissue, thereby encourages quicker healing. Tubes of ½ and 1 oz.

This versatile topical ointment is only one of 21 ACHROMYCIN dosage forms. You can choose the form *best* suited to the patient's needs. All are made in Lederle's own laboratories and offered only under the Lederle label—your assurance of highest quality.

OCULAR INFECTIONS of many kinds, including various forms of conjunctivitis, respond to ACHROMYCIN Ointment (Ophthalmic) 1%. Bland, simple to apply, does not sting or burn.

MOST WIDELY USED form of tetracycline is ACHROMYCIN Capsules—the only dry-filled sealed capsules on the market. Advantages: rapid and complete absorption, tamper-proof. Available in potencies of 50, 100, and 250 mg.

FOR GOOD TASTE, it's hard to beat ACHROMYCIN Syrup. Any youngster (or adult) will like its sweet cherry flavor. You can prescribe it with confidence—it will be taken as directed without complaint. Potency: 125 mg. per 5 cc.

The Lederle representative or your local pharmacist will gladly tell you about the many other ACHROMYCIN dosage forms.

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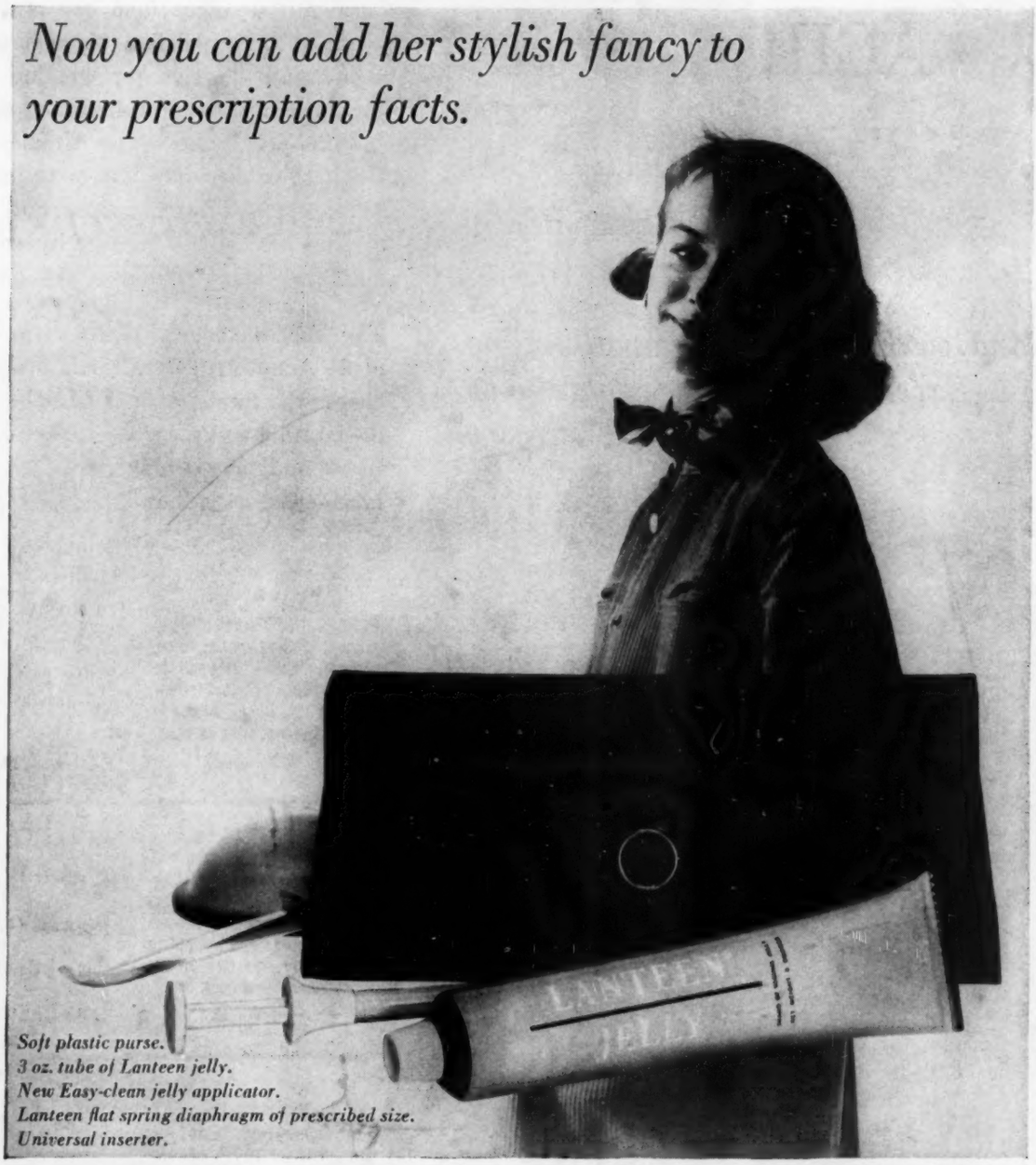
AMERICAN CYANAMID COMPANY
PEARL RIVER, NEW YORK

Lederle

*REG. U.S. PAT. OFF.

Now you can add her stylish fancy to your prescription facts.



Soft plastic purse.
3 oz. tube of Lanteen jelly.
New Easy-clean jelly applicator.
Lanteen flat spring diaphragm of prescribed size.
Universal inserter.

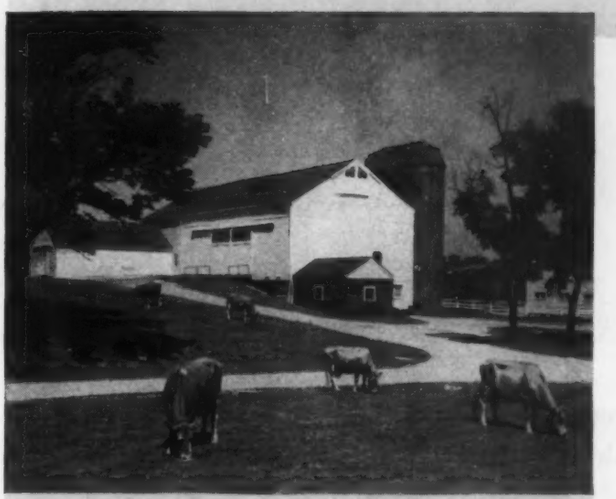
The new Lanteen Exquiset reflects the best of milady's taste—it's both stylish and discreet. Your patient will appreciate your prescription for the Lanteen Exquiset. You will have prescribed an effective contraceptive technique, and also taken account of her feminine fancy. Another design by Lanteen for better patient-cooperation.

new! LANTEEN® *Exquiset*

Physician's prescription package.

Lanteen jelly contains ricinoleic acid 0.50%, hexylresorcinol 0.10%, chlorothymol 0.0077%, sodium benzoate and glycerin in a tragacanth base. Lanteen jelly and flat-spring diaphragm sets are distributed by George A. Breon & Company, 1450 Broadway, New York 18, N. Y. (In Canada: E. & A. Martin Research Ltd., 20 Ripley Ave., Toronto, Canada.) Manufactured by Esta Medical Laboratories, Inc., Chicago 38, Ill. *Trademark of George A. Breon & Company.

GOLDEN GUERNSEY MILK



delicious fresh premium milk from selected Guernsey herds

The GOLDEN GUERNSEY trademark guarantees that GOLDEN GUERNSEY MILK comes only from fine Guernsey cows — the breed noted for its inherent ability to transmit large quantities of vital nutritive elements into milk. This pure, fresh, premium-quality Guernsey milk is never mixed with milk from other breeds of cattle. GOLDEN GUERNSEY MILK is processed separately, and sold nationally by selected local dairies, under the Golden Guernsey program.

THE GOLDEN GUERNSEY MILK WEIGHT-REDUCING DIET can help overweight adults of normal health to lose excess pounds more comfortably. GOLDEN GUERNSEY MILK has higher energy value than average market milk. Added to other appetizing foods included in this modern reducing diet, it helps to satisfy hunger.

FREE Booklet

Mail coupon today for free booklet and name of local GOLDEN GUERNSEY distributors.

Impartial Report* Shows That GOLDEN GUERNSEY MILK *has "more of everything good"*

- 15% more PROTEIN
- 4% more MINERALS
- 20% more VITAMIN A**
- 19% more BUTTERFAT
- 7% more SOLIDS-NOT-FAT
- 14% more CALORIES

*Based on comparisons of Guernsey Milk of 4.4% butterfat and average market milk of 3.68% butterfat by G. A. Richardson, Ph.D., Oregon State College. Guernsey Breeders' Journal, June 6, 1951.

**From the Journal of The A. M. A., Vol. 114, No. 18, May 4, 1940.

You can Recommend with Confidence

GOLDEN GUERNSEY MILK

GOLDEN GUERNSEY

This GOLDEN GUERNSEY Trademark is your guarantee of the fine fresh milk produced only by Guernsey cows . . . and marketed under the name of GOLDEN GUERNSEY in more than 6,000 cities and towns throughout the U. S. A. GOLDEN GUERNSEY, INC. — a non-profit organization — was established for the purpose of supervising the production, and promoting the use, of GOLDEN GUERNSEY — America's table milk.

GOLDEN GUERNSEY, INC.
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Please send me, free and postpaid, with name of local GOLDEN GUERNSEY distributors:

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In Congestive Heart Failure
R_x 'Wide Safety Margin'
GITALIGIN®

WHITE'S BRAND OF AMORPHOUS GITALIN

Authoritative investigators have reported that the digitalizing dose of Gitaligin is approximately one-third the toxic dose.[1-5]

This "wide margin of safety" (difference between therapeutic and toxic doses) permits rapid digitalization and successful maintenance with a minimum of toxic side reactions—even in refractory cases where other glycosides have failed.[6] And, cost to your patient is no greater than ordinary digitalis preparations.

Supplied: Scored tablets of 0.5 mg. Bottles of 30 and 100.

References: 1. Ehrlich, J. C.: Arizona Med. *12:* 239 (June) 1955. 2. Weiss, A., and Steigmann, F.: Am. J. M. Sc. *227:* 188 (Feb.) 1954. 3. Dimitroff, S. P.; Griffith, G. C.; Thorner, M. C., and Walker, J.: Ann. Int. Med. *39:* 1189 (Dec.) 1953. 4. Hejtmancik, M. R., and Herrmann, G. R.: Texas St. J. M. *51:* 238 (May) 1955. 5. Batterman, R. C.; DeGraff, A. C., and Rose, O. A.: Circulation *5:* 201 (Feb.) 1952. 6. Denham, R. M.: J. Kentucky St. M. Assoc. *53:* 209 (Mar.) 1955.

It's so easy to switch to 'wide safety margin' Gitaligin. Follow these simple dosage equivalents wherever digitalis therapy is indicated:

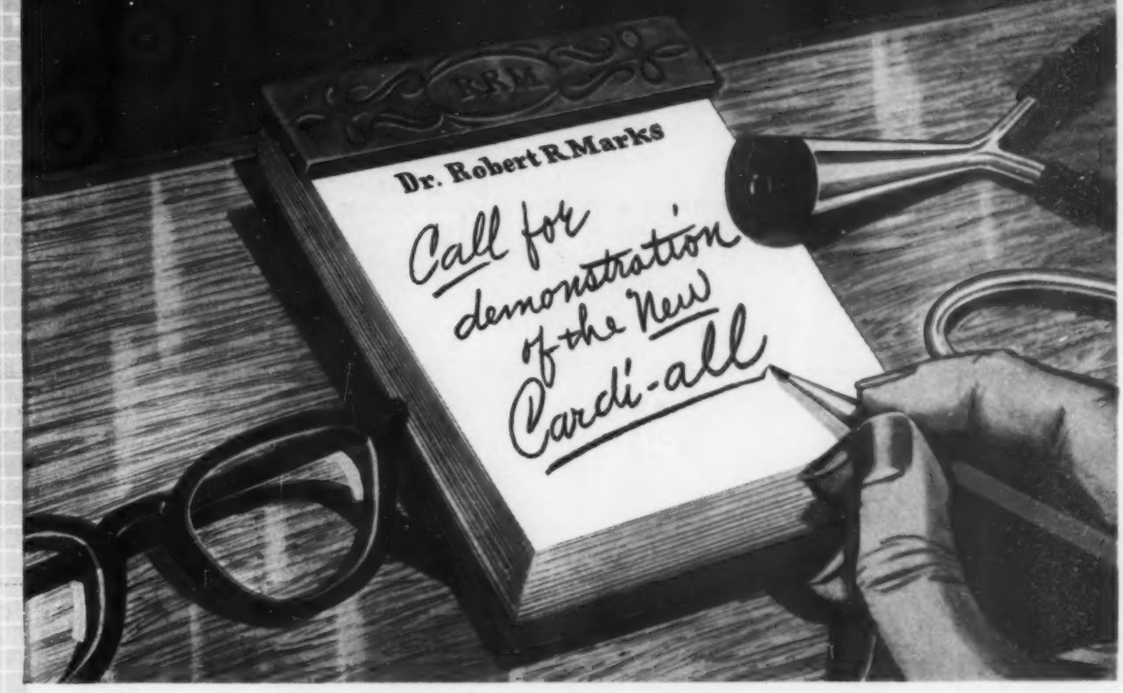
DIGITALIS PREPARATION	AVERAGE DAILY MAINTENANCE DOSE	GITALIGIN DOSAGE EQUIVALENT (APPROX.)
Digitalis leaf	0.1 Gm.	0.5 mg.
Digitoxin	0.1 mg.	0.5 mg.
Digoxin	0.5 mg.	0.5 mg.

WHITE LABORATORIES, INC. Kenilworth, N. J.

WORLD'S LARGEST EXCLUSIVE MANUFACTURER OF ELECTROCARDIOGRAPHS

to see the *NEWEST* in fine electrocardiographs

. . . make this notation today!



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Realistically priced at $595 complete

featuring

***New* impressive performance**

Exclusive Lifetime-Guaranteed Standardization Cell — unbreakable, leakproof, impervious to extremes of temperature and climate. Exclusive with Cardi-all!

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Handsome Solid Mahogany Cabinet, with rich hand-rubbed finish in choice of Blonde (illustrated) or natural —a *Cardi-all* exclusive!

Already famous for its dependable accuracy, the Beck-Lee *Cardi-all* now also incorporates additional advanced features of design and engineering. With its time-tested simplicity of operation, light-weight portability, and automatic controls, the new *Cardi-all* is more than ever the *modern* EKG instrument for the modern doctor.

SEE *this precision diagnostic aid demonstrated in your own office, without obligation. For name of your nearby Cardi-all dealer, write Dept. AM-956.*

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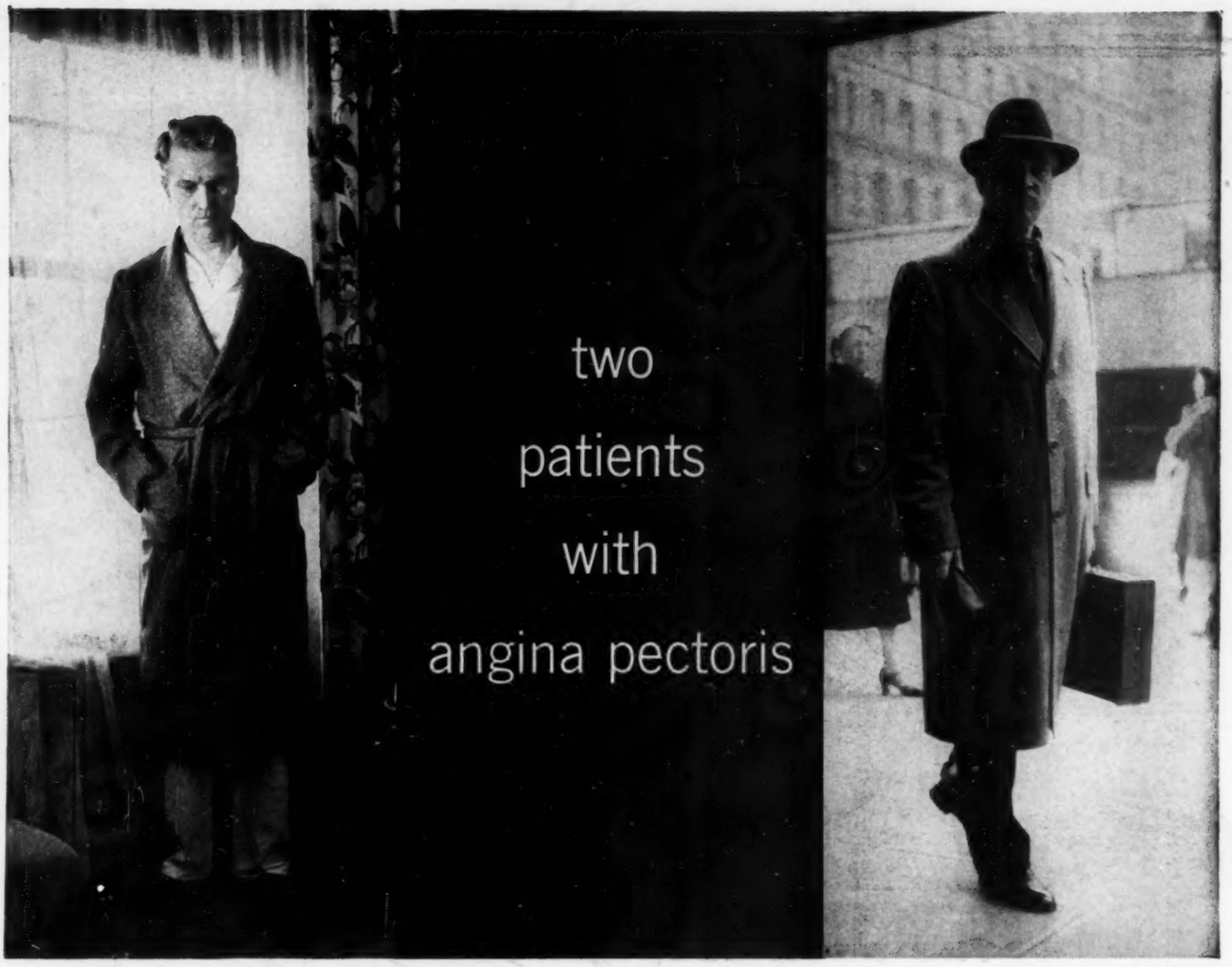

...your treatment can make *the difference*

In angina pectoris: ". . . the difference between complete, or almost complete, absence of symptoms, or a prolonged illness with much suffering" may lie in routine prophylaxis with Peritrate.[1]

New studies continue to confirm the effectiveness of this long-acting coronary vasodilator. "Impressive and sustained improvement" is observed in patients on Peritrate therapy.[2]

Simple prophylaxis: Peritrate is not indicated to abort the acute attack (nitroglycerin is still the drug of choice). However, you can reduce nitroglycerin dependence and provide continuing protection against attacks of angina pectoris with Peritrate. Prophylaxis is simple: 10 or 20 mg. of Peritrate *before meals* and at bedtime. Maintenance of a continuous daily dosage schedule is important for successful therapy.

Peritrate has been demonstrated to prevent or reduce the number of attacks, lessen nitroglycerin dependence, improve abnormal EKG findings and increase exercise tolerance.[3,4,5]

The specific needs of most patients and regimens are met with Peritrate's five dosage forms: Peritrate 10 mg. and 20 mg. tablets; Peritrate Delayed Action (10 mg.) for continuous protection through the night; Peritrate with Phenobarbital (10 mg. with phenobarbital 15 mg.) where sedation is also required; Peritrate with Aminophylline (10 mg. with aminophylline 100 mg.) in cardiac and circulatory insufficiency.

Usual Dosage: 10 to 20 mg. *before meals* and at bedtime.

References: 1. Rosenberg, H. N., and Michelson, A. L.: Am. J. M. Sc. *230*:254 (Sept.) 1955. 2. Kory, R. C., *et al.*: Am. Heart J. *50*:308 (Aug.) 1955. 3. Winsor, T., and Humphreys, P.: Angiology *3*:1 (Feb.) 1953. 4. Plotz, M.: New York State J. Med. *52*:2012 (Aug. 15) 1952. 5. Dailheu-Geoffroy, P.: L'Ouest-Médical, vol. 3 (July) 1950.

Peritrate®

(brand of pentaerythritol tetranitrate)

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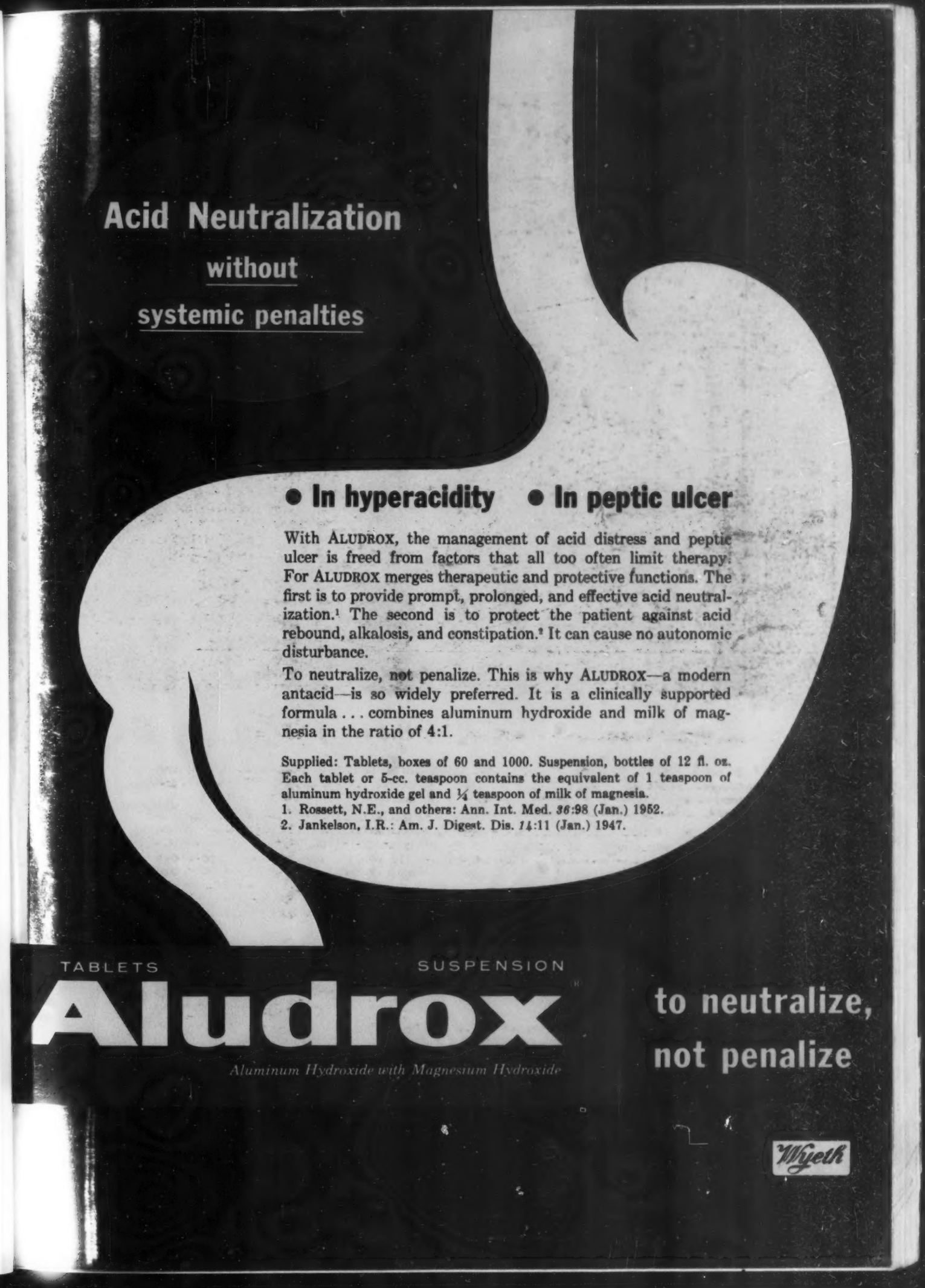
Acid Neutralization
without
systemic penalties
• In hyperacidity • In peptic ulcer
With ALUDROX, the management of acid distress and peptic ulcer is freed from factors that all too often limit therapy. For ALUDROX merges therapeutic and protective functions. The first is to provide prompt, prolonged, and effective acid neutralization.[1] The second is to protect the patient against acid rebound, alkalosis, and constipation.[2] It can cause no autonomic disturbance.
To neutralize, not penalize. This is why ALUDROX—a modern antacid—is so widely preferred. It is a clinically supported formula . . . combines aluminum hydroxide and milk of magnesia in the ratio of 4:1.
Supplied: Tablets, boxes of 60 and 1000. Suspension, bottles of 12 fl. oz. Each tablet or 5-cc. teaspoon contains the equivalent of 1 teaspoon of aluminum hydroxide gel and ¼ teaspoon of milk of magnesia.
1. Rossett, N.E., and others: Ann. Int. Med. 36:98 (Jan.) 1952.
2. Jankelson, I.R.: Am. J. Digest. Dis. 14:11 (Jan.) 1947.
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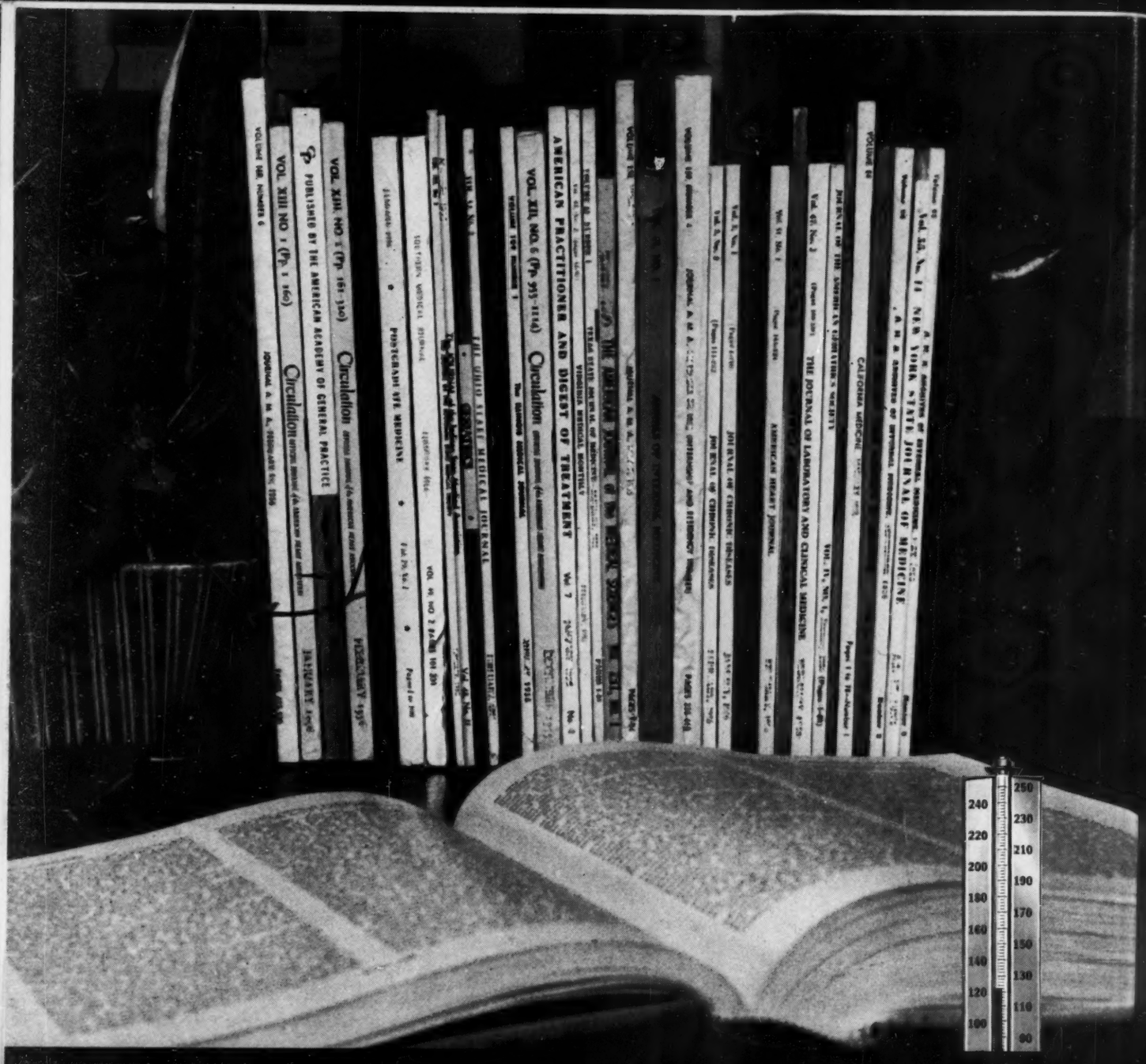
Aludrox
Aluminum Hydroxide with Magnesium Hydroxide
to neutralize, not penalize
Wyeth



From the literature

"... [a] most effective antihypertensive agent...."[1]

"... a simple and [well-tolerated] regimen for the ambulatory management of hypertensive patients."[2]

"... reduction of the blood pressure may be achieved in substantially all forms of hypertension."[3]

"... possible in most patients to get a good control over blood pressure levels with comparatively few side-effects."[4]

"... significant falls ... occurred in systolic and diastolic blood pressure. ... The cardiac, retinal and coronary status of all patients was improved."[5]

1. Moser, M.: New York State J. Med. **55**:1999 (July 15) 1955. 2. Agrest, A., and Hoobler, S.W.: J.A.M.A. **157**:999 (March 19) 1955. 3. Smirk, F.H.: Am. J. Med. **17**:839 (Dec.) 1954. 4. Smirk, F.H., and McQueen, E.G.: J. Chron. Dis. **1**:516 (May) 1955. 5. Waldman, S., and Pelner, L.: Am. J. M. Sc. **231**:140 (Feb.) 1956.

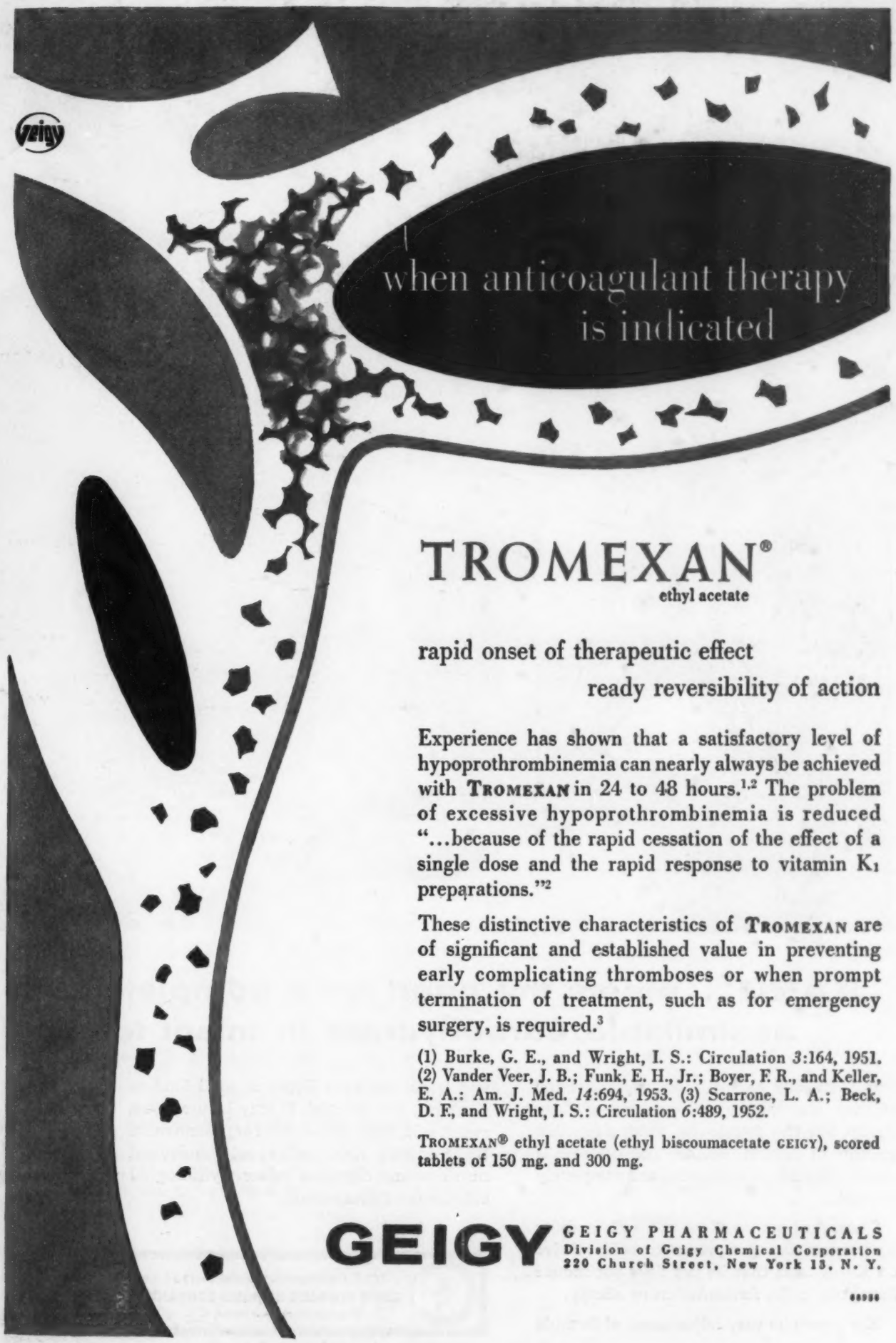
AN[®] LYSEN[®]

TARTRATE Pentolinium Tartrate

Lowers Blood Pressure

Wyeth

Philadelphia 1, Pa.



TROMEXAN®

ethyl acetate

rapid onset of therapeutic effect
ready reversibility of action

Experience has shown that a satisfactory level of hypoprothrombinemia can nearly always be achieved with TROMEXAN in 24 to 48 hours.[1,2] The problem of excessive hypoprothrombinemia is reduced "...because of the rapid cessation of the effect of a single dose and the rapid response to vitamin K_1 preparations."[2]

These distinctive characteristics of TROMEXAN are of significant and established value in preventing early complicating thromboses or when prompt termination of treatment, such as for emergency surgery, is required.[3]

(1) Burke, G. E., and Wright, I. S.: Circulation *3*:164, 1951. (2) Vander Veer, J. B.; Funk, E. H., Jr.; Boyer, F. R., and Keller, E. A.: Am. J. Med. *14*:694, 1953. (3) Scarrone, L. A.; Beck, D. F., and Wright, I. S.: Circulation *6*:489, 1952.

TROMEXAN® ethyl acetate (ethyl biscoumacetate GEIGY), scored tablets of 150 mg. and 300 mg.

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Division of Geigy Chemical Corporation
220 Church Street, New York 13, N. Y.

KARO®... meets the need for a completely assimilable carbohydrate in infant feeding

Physicians and parents alike appreciate the efficacy, convenience and economy of Karo Syrup. For this double-rich, readily miscible mixture of dextrin, maltose and dextrose is easily digested, well tolerated and completely utilized.

Three generations of use as a milk modifier have shown that even premature babies thrive on Karo...and that its use does not induce flatulence, colic, fermentation or allergy.

Karo permits easy adjustment of formula and transition from liquid to solid food as circumstances demand. It may be used with sweet, acid, evaporated, dried or protein milk. Light or dark Karo each supply equivalent nutritive and digestive values...yielding 60 calories per tablespoonful.

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. . . part of *every illness*

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PEPTIC ULCER

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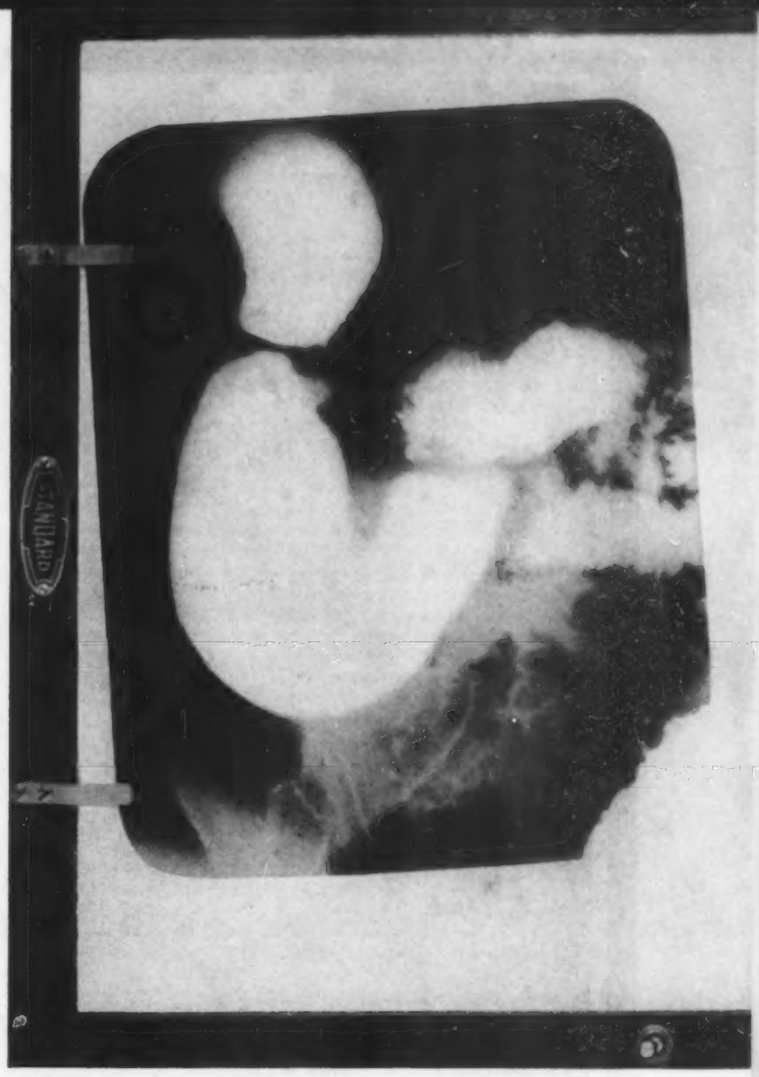

". . . functional nervousness, including fatigue and anxiety, was by far the greatest detectable cause of recurrences of peptic ulcer symptoms, and in many instances it seemed likely that the same etiological factors were initially responsible for the ulcer."[1]

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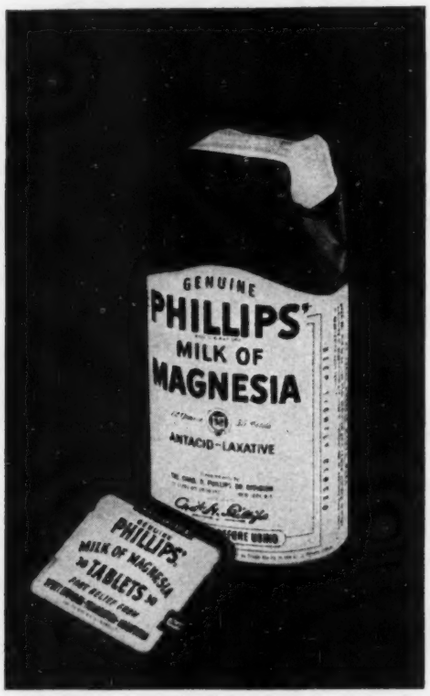

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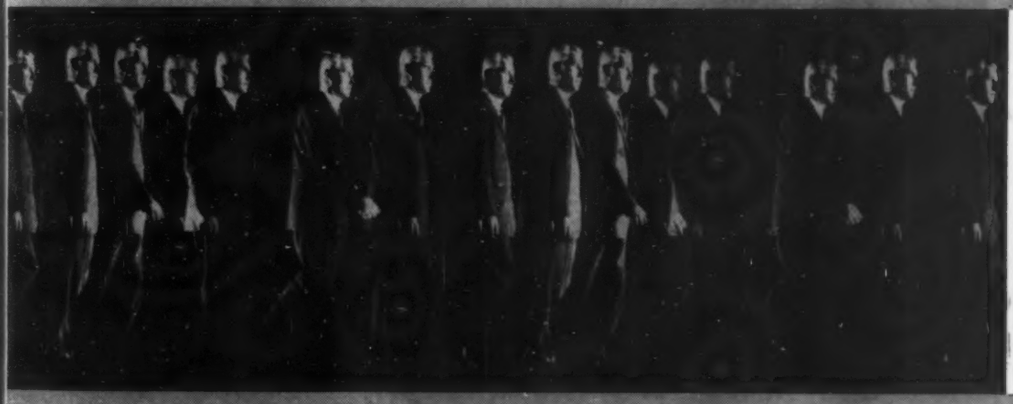

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references

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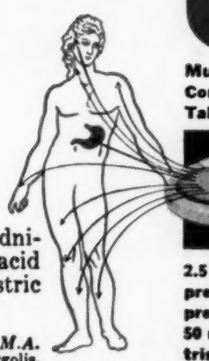

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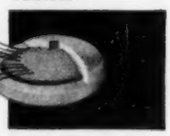

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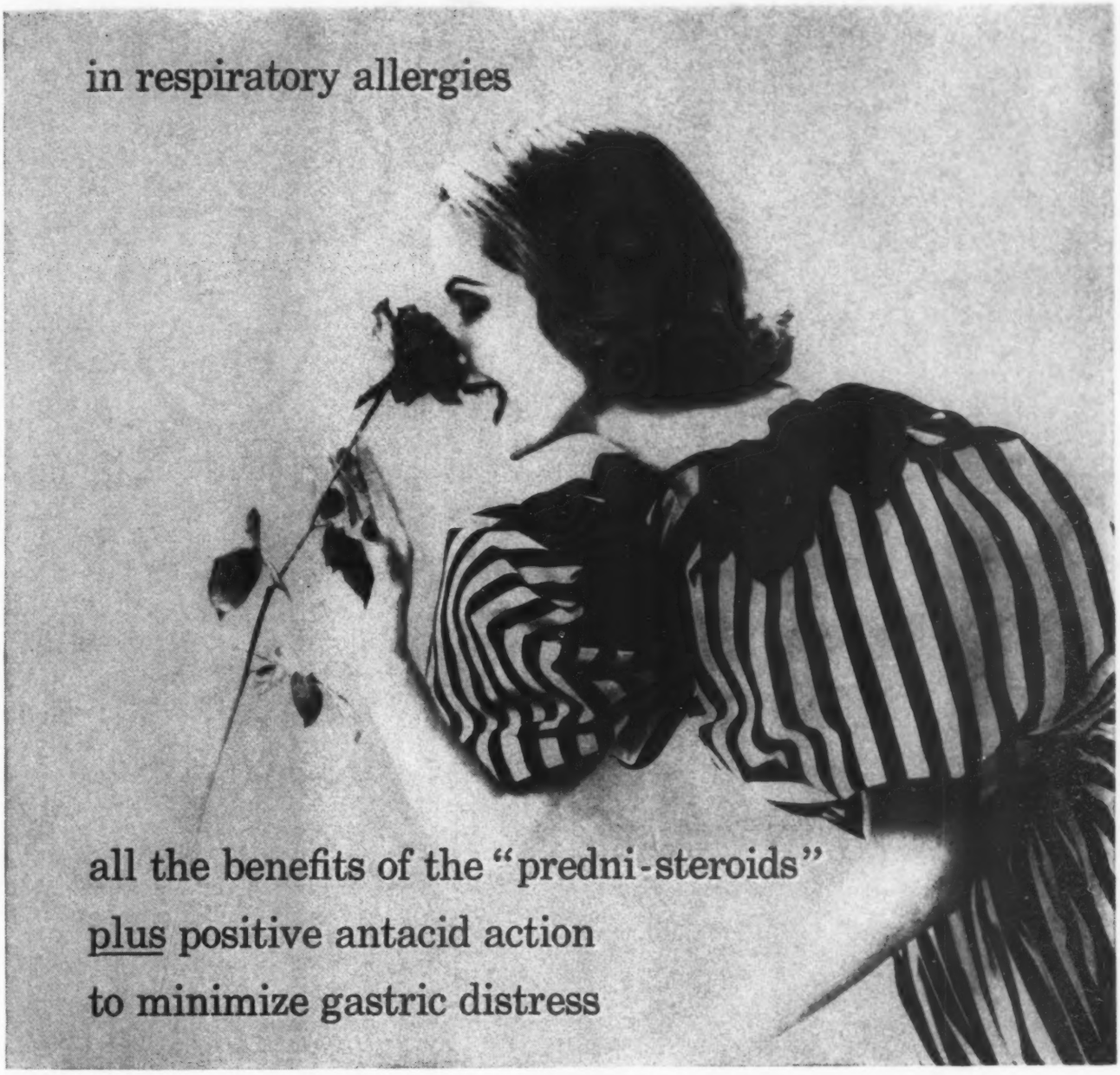

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Clinical evidence[1,2,3] indicates that to augment the therapeutic advantages of prednisone and prednisolone, antacids should be *routinely* co-administered to minimize gastric distress.

References: 1. Boland, E. W., *J.A.M.A.* 160:613 (February 25) 1956. 2. Margolis, H. M. *et al.*, *J.A.M.A.* 158:454 (June 11) 1955. 3. Bollet, A. J. *et al.*, *J.A.M.A.* 158:459 (June 11) 1955.

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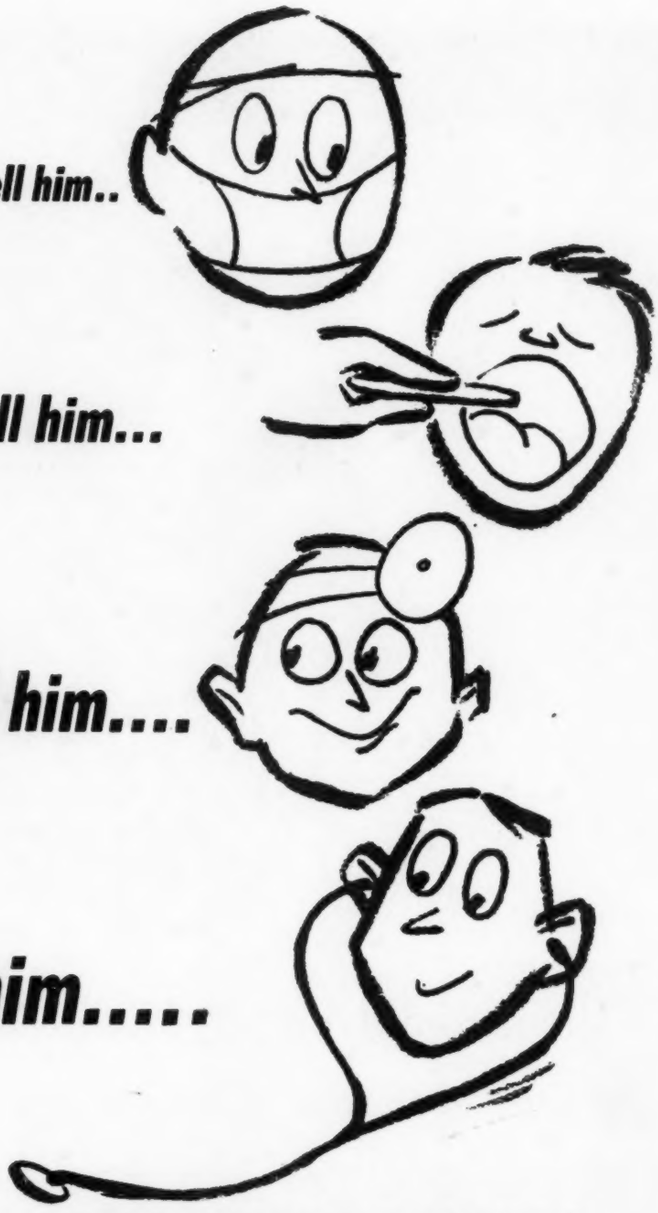

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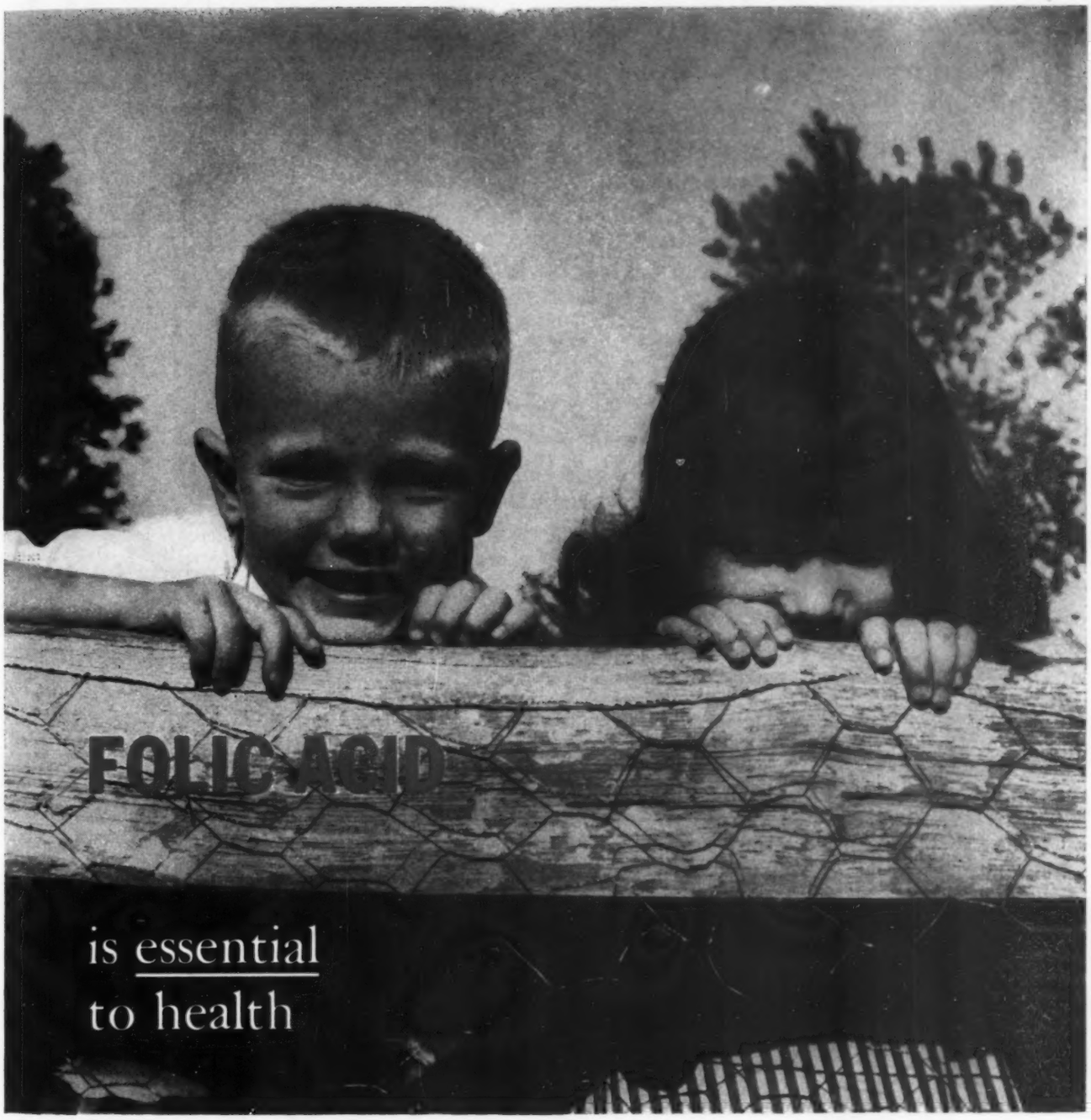

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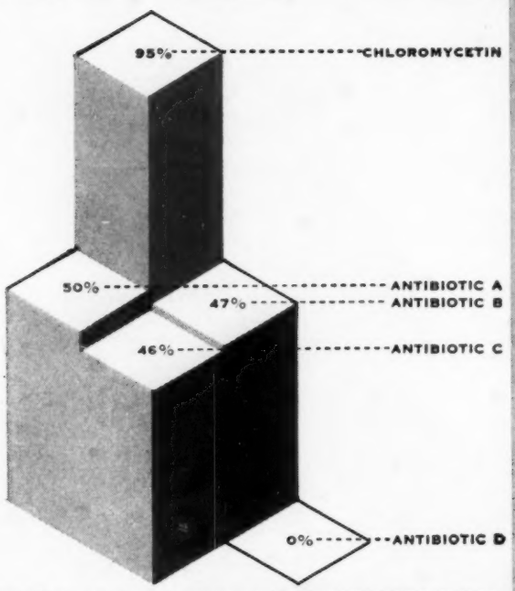

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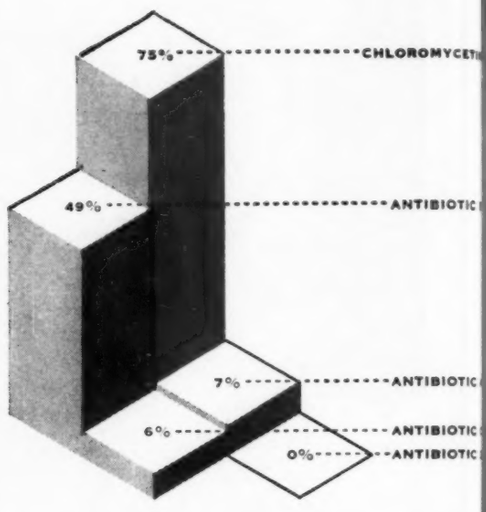

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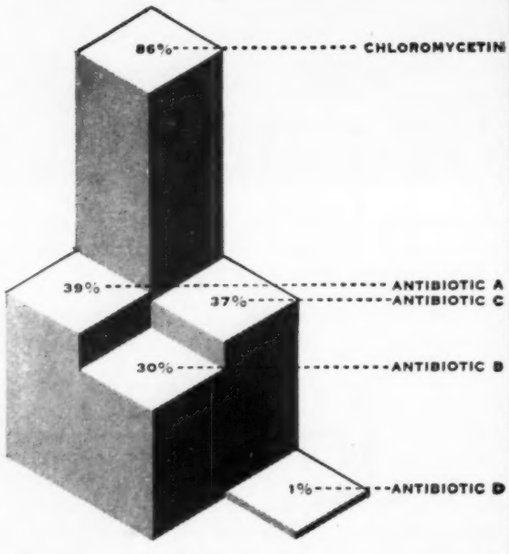

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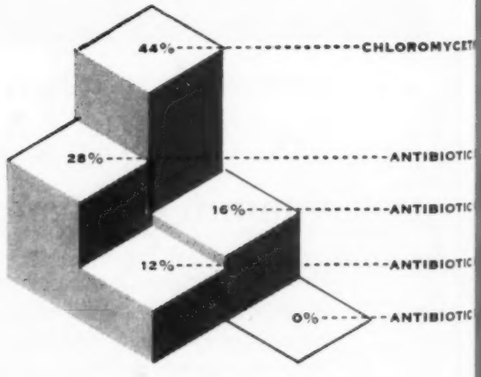

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References: (1) Felix, N. S.: *Pediat. Clin. North America* 3:317, 1956. (2) Joron, G. E.; Fowler, A. F.; de Vries, J.; Reid, G., & Mathews, W. H.: *Canad. M. A. J.* 73:956, 1955. (3) Weil, A. J., & Stempel, B.: *Antibiotic Med.* 1:319, 1955. (4) Perry, R. E., Jr.: *North Carolina M. J.* 16:567, 1955. (5) Jones, C. P.; Carter, B.; Thomas, W. L., & Creadick, R. N.: *Obst. & Gynec.* 5:365, 1955. (6) Murphy, F. D., & Waisbren, B. A., in Murphy, F. D.: Medical Emergencies: Diagnosis and Treatment, ed. 5, Philadelphia, F. A. Davis Company, 1955, p. 557. (7) Altemeier, W. A.; Culbertson, W. R.; Sherman, R.; Cole, W.; Elstun, W., & Fultz, C. T.: *J.A.M.A.* 157:305, 1955. (8) Horton, B. F., & Knight, V.: *J. Tennessee M. A.* 48:367, 1955.

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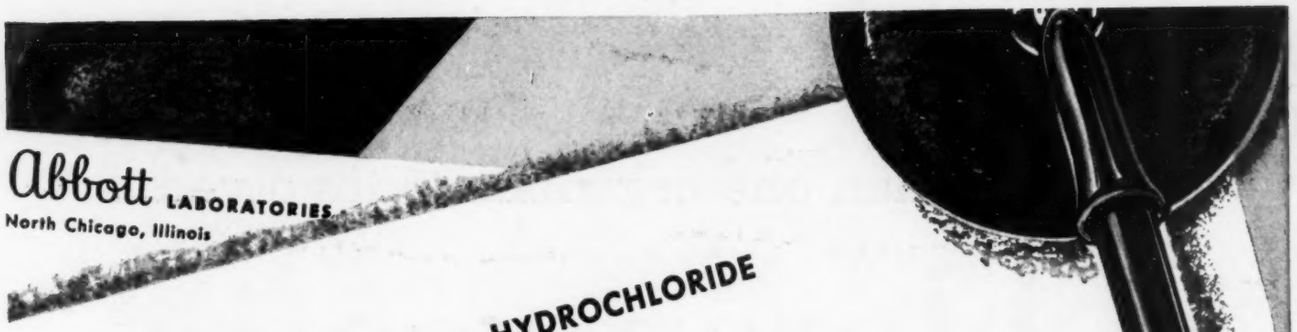

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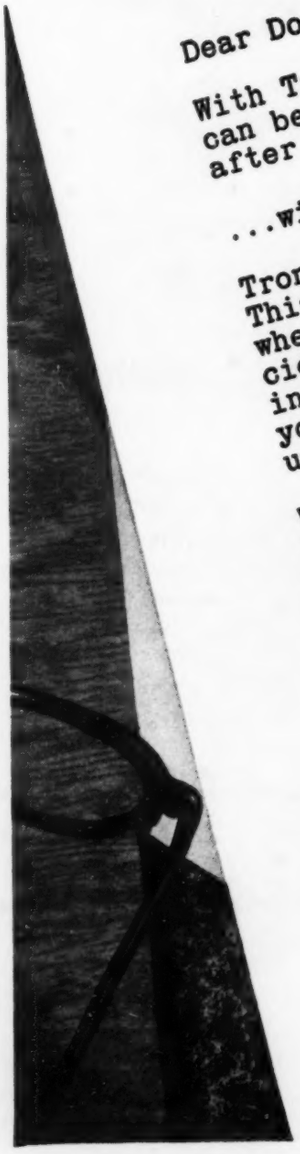

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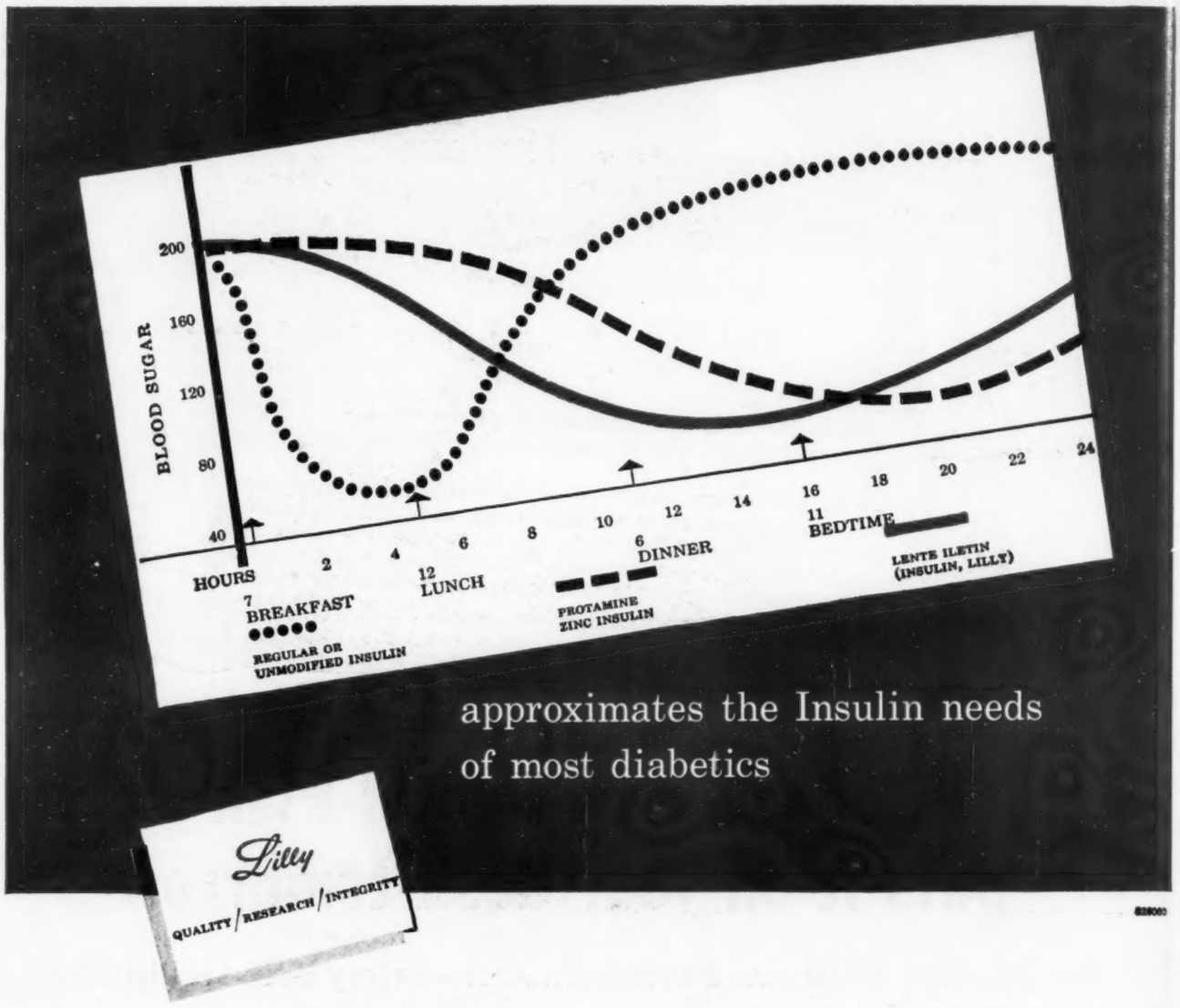

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THE FACIAL NERVE IN PAROTID SURGERY

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• *The excision of small parts of the parotid gland is liable to result in damage to the facial nerve, which runs through the substance of the gland. Such damage is hard to avoid if the nerve is not well exposed, and the surgeon has to choose between the danger of facial paralysis and the danger of incomplete performance of the intended extirpation. A good exposure makes it possible to choose between removal of the superficial portion of the gland and total removal of both superficial and deep portions by careful dissection. If there is a malignant tumor in the gland, excision must be total and the nerve must be sacrificed. Nerve grafting, using a section from the greater auricular nerve, was successful in preventing permanent facial paralysis in a case of this kind here described.*

Surgical treatment of the parotid gland in the past has been manifestly influenced by the intimate relationship between the parotid gland and the facial nerve. The dread of damaging this nerve has been paramount in the minds of surgeons dealing with lesions in this region. Paralysis of the nerve produces disfigurement, with psychic trauma that many persons are unable to endure; in not a few instances, suicide has appeared to be the only escape. Consequently, it is with adequate reason that the surgeon has gone out of his way to preserve this nerve, in many instances to the point of jeopardizing what he is attempting to accomplish.

General Background

The seventh cranial nerve, after emerging from the cranium through the stylomastoid foramen, passes anteriorly, laterally, and slightly inferiorly for approximately 1 cm. and then enters the posterior border of the parotid gland. In the substance of the gland, it divides into two main trunks, namely, the superior temporofacial and the inferior cervicofacial. These, in turn, divide into five terminal branches, the temporal, zygomatic, buccal, mandibular, and cervical, which emerge at the anterior border of the parotid. A predominant concept has originated from the work of McWhorter[1] that the gland is composed of two distinct lobes, one superficial and the other deep, the two being connected by an isthmus. The facial nerve supposedly divides into its two main branches at the posterior border of the isthmus, one branch passing superiorly, the other inferiorly. From our experience, we have not been able to demonstrate this arrangement and so have preferred to consider portions of the gland as lying either superficial or deep to the nerve, which courses directly through the substance of the parotid gland. This opinion has been expressed by Martin[2] and Lathrop[3] and, more recently, by Tabah.[4]

As already indicated, it is largely because of fear of inflicting damage to the facial nerve that efforts to remove tumors of the parotid gland have been ineffectively conservative. The high incidence of recurrence in practically all series reported bears out this statement. Martin[2] noted that 36% of all patients with parotid tumors coming to the New York Memorial Hospital on first admission had had one or more episodes of recurrence after one or more previous operations. Rawson and Horn[5] followed up patients operated on for mixed tumors of the parotid gland for a period of at least 10 years and found a recurrence rate of 31%. Kirklin and associates,[6] in reviewing the experience at the Mayo Clinic, found that 34% of patients with mixed tumors had been previously treated when first seen at the clinic. Figures such as these probably are directly attributable to inadequate operation resulting from lack of knowledge of the nature of parotid tumors, fear of injuring the facial nerve, and inexperience in a proper surgical approach.

Various methods have been described for identifying the facial nerve. Sistrunk,[7] and Adson and Ott,[8] advocated identifying the marginal mandibular branch of the facial nerve and tracing it posteriorly to locate the main stem of the nerve. McCormack and coworkers[9] advised commencing the procedure at the anterior border of the gland, locating the terminal branches in this region, and then tracing the branches

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posteriorly until the main trunk is reached. Brown's group [10] favored a direct approach after adequate exposure was obtained by wide reflection of the cutaneous flaps. Byars [11] identified the posterior facial vein as the primary step, using this landmark to isolate the cervicofacial division of the nerve. The approach that has most adherents probably is the afore-mentioned method of McCormack and associates. We consider that this technique makes for a difficult and time-consuming operation with a greater probability of damaging the nerve or portions of it. Locating the marginal mandibular branch and tracing this to the main trunk are not advised for the reasons just given; also, much time can be lost in attempting to locate and isolate this branch. We think that attempting to approach these tumors directly by local excision or enucleation is contraindicated; by such an approach, one never can be sure of completely circumventing the lesion, and the danger of neural damage is increased because of the lack of exposure of the nerve. It is this method of attempting to excise locally a growth of the parotid gland that has especially resulted in high rates of recurrence. Locating the posterior facial vein to find the cervicofacial division of the nerve can be fraught with difficulty because of the varied arrangements of veins in this region and the variable relation between vein and nerve, thus increasing the danger of traumatizing the nerve.

We endorse the method advocated by Janes,[12] whereby one first identifies the stem of the facial nerve after it leaves the stylomastoid foramen and then traces the branches peripherally under direct vision. The main trunk of the nerve in an adult is always consistent in its location and is of sufficient size so that with reasonable care it should not be injured. The nerve in the adult is found directly anterior and deep to the mastoid process.

Operative Technique

Parotidectomy.—General anesthesia is administered through an endotracheal tube. The field is widely draped to include the ear, corner of the eye, and corner of the mouth on the homolateral side, so that motion of the face can be seen by the surgical team. The familiar Y or inverted T incision is made, with one limb extending from behind the ear below and parallel to the inferior margin of the mandible for 6 to 7 cm. The other limb passes upward and anterior to the ear in one of the natural creases of the skin. The cutaneous flaps are widely developed, and the dissection is then commenced at the posteroinferior border of the gland. With traction exerted superiorly and anteriorly, the posterior border of the gland is freed from the sternocleidomastoid muscle and, in a deeper plane, from the posterior belly of the digastric muscle. Dissection then passes downward along and anterior to the cartilaginous external auditory canal and the mastoid process. As the dissection is carried medially and deep to the body of the mastoid process, the main trunk of the nerve invariably is found. If upward traction is applied to the gland, the nerve can be palpated in the substance of the gland before it can be seen. With the main trunk of the nerve exposed, there is little occasion to stimulate or otherwise traumatize it.

After the stem of the nerve has been located, the superficial portion of the gland is separated from its branches by blunt dissection, using the closed tip of a small, pointed dissecting scissors. The nerve is always under direct vision, and, as long as the dissection remains superficial to the nerve, there is no danger of damaging it. Hemostasis is maintained first by tension, traction, and countertraction on the tissues and, subsequently, after the dissection is complete, by application of mosquito hemostats and ligatures. Traction exerted by means of Kocher's forceps placed on the superficial part of the gland with proper tension and in the right direction greatly facilitates the operation and cannot be overstressed. It is amazing with what dispatch superficial parotidectomy can be accomplished by a team familiar with the technique.

If the tumor is situated in the deeper tissues of the gland, total parotidectomy is indicated. After completion of the superficial dissection, the external carotid artery and posterior facial vein are divided at the inferior border of the deep portion of the gland, the superficial temporal artery and vein are divided at the superior border, and the internal maxillary artery is severed at the anterior border. After the facial nerve and its branches are gently retracted out of the way with nerve hooks, the deep portion of the gland is removed either between the two main branches of the nerve or below its inferior branch, whichever is more expedient.

We treat benign tumors of the superficial portion of the gland by superficial parotidectomy. As already indicated, if the tumor is situated deep to the nerve, total parotidectomy with preservation of the nerve is performed. If the character of the tumor is questionable, a biopsy is done, and fresh frozen sections of tissue are studied immediately. If malignant changes are thus found, the surgical procedure necessarily has to be extended. Carcinoma of the parotid gland poses a different problem, in that total parotidectomy invari-

Fig. 1.—Operative field at the completion of total parotidectomy, showing nerve graft in place.

ably should be performed. The nerve in most instances must be sacrificed in order to accomplish adequate excision of the tumor. However, the nerve or a portion of it might be preserved in selected instances in which

Fig. 2.—Appearance of patient 16 months after operation, demonstrating return of gross facial function.

the nerve is free of the tumor or in which the tumor is of a low grade of malignancy or is well encapsulated. When the nerve is sacrificed, the patient is left with facial paralysis.

Repair for Facial-Nerve Palsy.—Techniques proposed to improve the results of palsy of the facial nerve include (1) nerve anastomosis or nerve grafts, (2) repair by muscle operation, (3) repair by use of supporting fascial strips, and (4) a combination of the last two. If the nerve has been sacrificed in the course of the primary surgical procedure, it appears reasonable to state that reestablishment of continuity of the nerve by suture or nerve graft should be the procedure of choice, if it is possible to accomplish it. Only this reconstructive procedure will be considered in this paper.

Bunnell [13] claimed the first successful intratemporal repair of the facial nerve by nerve graft, using the sural nerve for donor purposes. Maxwell [14] added much stimulus to the problem in 1951 when he reported four cases, in three of which he used grafts from the greater auricular nerve to bridge various defects in the facial nerve. More recently, Conley [15] presented a technique that he had used on seven occasions in dealing with malignant tumors of the parotid gland. This consists of bridging the defect with a nerve graft procured from the contralateral side of the neck and composed of the greater auricular nerve and cutaneous filaments. Anastomoses are protected by using small, windowed plastic-tube cylinders. His entire procedure includes total radical parotidectomy and radical dissection of the neck. Auxiliary suspensions with fascia lata were carried out in one instance, and rotation of the masseter muscle was done in three instances along with nerve grafting. In recent years, we have inserted nerve grafts in selected cases and would like to record one instance in which the patient has been followed sufficiently long to illustrate the result.

Report of a Case

A 50-year-old man first registered at the Mayo Clinic in January, 1954. A mole had been present on the left temple for more than 15 years, during which time it had grown slightly. Four months prior to admission to the clinic, he had noticed a small lump in the region of the left parotid gland that had disappeared spontaneously but had reappeared about a month before admission and had continued to grow. Two weeks before admission, the tumor in the parotid region had been removed and biopsy of the mole had been performed. The lesions were said to be malignant, and the patient was referred to the clinic for further evaluation. Examination at the clinic revealed a localized nodular plaque in the left upper preauricular region measuring 1.5 by 1.5 cm.; it was ill-defined in character and was steel blue. An incision was present over the left parotid gland. Cervical lymph nodes were not palpable. Study of the tissue that had been removed elsewhere disclosed a diagnosis of malignant melanoma of the left temporal region with metastasis to the left parotid gland.

Operation at the clinic consisted of wide excision of the melanoepithelioma, radical total parotidectomy on the left, and radical dissection of the left side of the neck in continuity. The homolateral greater auricular nerve was used to bridge the gap between the main trunk of the facial nerve and its peripheral branches, brought together into three groups; 00000 silk was used for the anastomosis (fig. 1). Plastic closure of the defect in the left temporal region was carried out, with a skin graft applied to the defect in the left temporal region. The pathologist reported a melanoepithelioma measuring 3 by 1.5 cm. in the skin of the parotid region, with metastatic involvement of three superficial cervical lymph nodes and five nodes in the deep jugular region. The patient has been examined subsequently at the clinic in May, 1954, and June, 1955; no evidence of recurrence of the melanoepithelioma has been found. Examination of facial function in June, 1955, revealed good gross motion of all groups of muscles supplied by the facial nerve (fig. 2). A cosmetic defect was not noticeable.

Summary

Superficial parotidectomy should be the minimal surgical procedure used in the treatment of tumors of the parotid gland. The facial nerve can be easily exposed and dissected free of the gland by first exposing the main trunk deep and medial to the mastoid process. If the character of the tumor necessitates removal of the facial nerve, a nerve graft should be used at the time of the primary surgical intervention, if possible, to bridge the gap as the initial step in the treatment of the cosmetic deformity resulting from sacrifice of this nerve. If this should fail, other plastic procedures can be tried.

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THE ELECTROCARDIOGRAM AS A SAFEGUARD IN PERICARDIOCENTESIS

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• *Damage to the myocardium during pericardial paracentesis has occasionally been severe enough to result in pericardial tamponade and death. Anamil experiments here described showed that contact of the tip of the needle with the myocardium could be detected electrocardiographically if the needle was connected in such a way as to constitute an exploring electrode with the machine set as in recording chest leads. Contact with the myocardium is indicated by elevation of the S-T or the P-R segment, depending on whether the ventricle or the auricle is disturbed. This technique has been used in 40 cases of pericardial paracentesis. All were without complication, though the ventricular cavity was entered inadvertently in six instances. The danger of unintended puncture of the ventricle can be minimized by recognizing the existence of a lag between the appearance of changes in the electrocardiogram and the communication of this fact to the operator.*

In spite of the usefulness of pericardial tap in the diagnosis and therapy of pericardial diseases, the procedure is usually performed with some reluctance because of the occasional reports of pericardial tamponade and death after the procedure. The exact incidence of such complications is not known, but a recent survey revealed that the majority of a group of prominent cardiologists and surgeons had personal knowledge of one or two such accidents.[1] Since 1949, we have used the electrocardiogram as an additional safeguard during this procedure. The electrocardiogram is used as an indicator of the contact of the needle with the myocardium.

Technique

Prior to the tap, electrodes are applied to the arms and legs of the patient, to which are attached the lead wires of a direct-writing electrocardiograph. The "chest" or "precordial" lead wire from the machine is attached to the shank of the pericardial needle by means of an extra length of wire with alligator clamps at both ends (fig. 1). The machine is set to record a V lead, which means that the pericardial needle becomes the exploring electrode. The pericardial tap is carried out in the usual manner, except that as the needle is introduced the electrocardiogram is continuously monitored by an observer other than the operator.

Observations

The contact of the needle with the myocardium is signaled by the appearance of a striking elevation of the S-T segment, such as is seen in figure 2, if the ventricular muscle is contacted, or of the P-R segment if the auricle is contacted. The appearance of such a change is the signal for withdrawal of the needle.

Experimental studies on dogs have shown that actual entry of the needle into the myocardium is not necessary for the production of this current of injury. All that is required is a slight distortion of the epicardial layers, even through an intact pericardium. Figure 3 shows such a record obtained from an experimental animal. In the first section of the record, the needle is in contact with the chest wall only. In the second section the needle is in light contact with the left ventricle through an intact pericardium, with a small saline solution–soaked cotton pledget used as a means of contact. In the remaining sections firm pressure is exerted through the intact pericardium, first over the left ventricle and then over the left auricle. Note the S-T segment elevation in the former, the P-R segment elevation in the latter. It is reasoned that this feature will occasionally signal the contact of the needle with an intact pericardium immediately overlying the heart with no intervening layer of fluid, thus preventing actual entry of the needle into the pericardial sac with the accompanying risk of cardiac injury.

Figure 4, obtained from the same animal as the preceding figure, shows the further changes with actual entry of the needle into the myocardium. The changes are felt to arise in the myocardial fibers immediately surrounding the needle. These forces are not of sufficient magnitude to deform the P-R or S-T segment in more remote leads; therefore, the recording must be made from the pericardial needle itself.

In one patient the pericardial needle could not be forced through the pericardial sac because of its extreme thickness and leathery consistency. In this instance the electrocardiogram failed to show any change.

Occasionally such changes as have been previously described have been seen during the course of withdrawal of fluid, as the epicardium is pulled against the tip of the needle by the suction of the syringe. Usually the nature of this contact is evident to the operator, who can avoid such contact by a shift of needle position. We have used the technique or have directly observed its use in about 40 cases of pericardiocentesis. All were done without complication, though the ventricular cavity was inadvertently en-

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tered in six instances in spite of this additional precaution. In these six instances the failure of the technique to prevent entry of the needle into the cavity

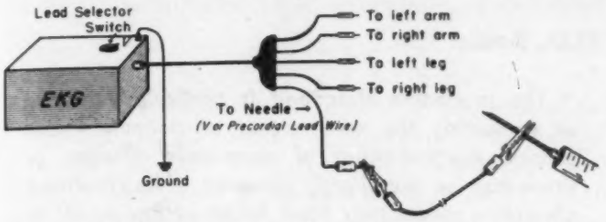

Fig. 1.—Method of attaching an electrocardiograph to the pericardiocentesis needle. The alligator clamp may also be attached to the handle of a Kelly clamp applied to the shank of the needle.

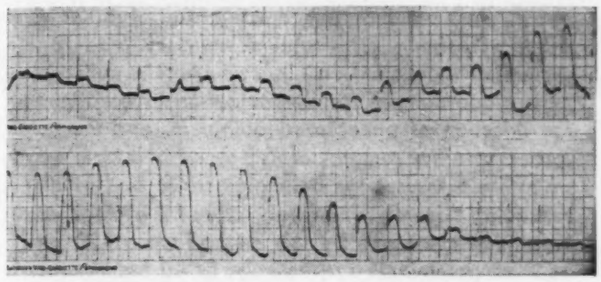

Fig. 2.—Example of the striking S-T segment shift obtained on contact of the needle with the ventricular myocardium. The electrocardiogram was taken during pericardiocentesis, with the needle used as an exploring electrode. (Record is continuous.)

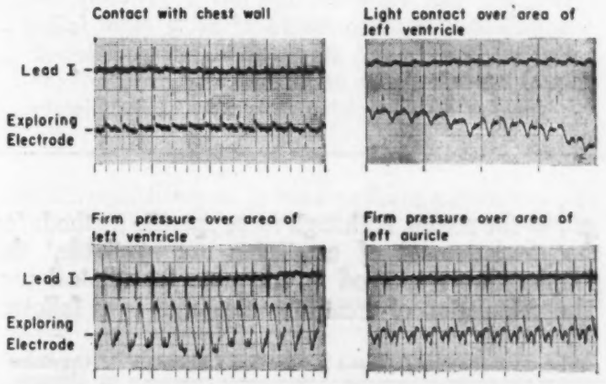
Contact with chest wall
Light contact over area of left ventricle
Lead I
Exploring Electrode
Firm pressure over area of left ventricle
Firm pressure over area of left auricle
Lead I
Exploring Electrode

Fig. 3.—Record obtained from an experimental animal (dog), demonstrating appearance of S-T and P-R segment elevation with firm pressure through an intact pericardium. Note the S-T segment elevation with pressure over the left ventricle and the P-R segment elevation with pressure over the left auricle.

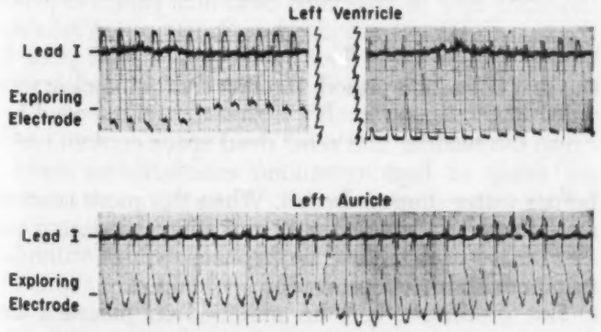

Fig. 4.—Further change in S-T and P-R segments with entry of the needle into the myocardium (record from animal as figure 3).

resulted not from lack of change in the electrocardiogram but from a delay in response on the part of the observer or the operator.

Comment

The advantages of the use of the technique are felt to be threefold. 1. It will occasionally prevent the entry of the needle into the pericardium when no cushioning layer of fluid is present. 2. It immediately signals the entry of the needle into the myocardium, allowing the operator to withdraw promptly without unnecessary manipulation, with the accompanying risk of myocardial laceration. 3. It immediately clarifies the source of any grossly bloody fluid obtained from the pericardial needle. If bloody fluid is obtained without the appearance of S-T or P-R segment shift, such as has been described, one need have no fear that the fluid is being obtained from the chambers of the heart rather than the pericardial sac.

Since the exact incidence of serious complications following pericardiocentesis is not now known, we are not able to objectively measure the degree of protection afforded by the use of the described technique. The increased sense of security afforded by its use is unmistakable, however, and it has quickly become a routine procedure in the several hospitals in which it has been introduced. The lag between the appearance of changes in the electrocardiogram and the communication of this fact to the operator is a definite limitation, but can be minimized by experience on the part of both observer and operator.

Summary

The electrocardiogram has been used as an additional safeguard in cases of pericardiocentesis, serving as an indication of the contact of the needle with the myocardium.

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Diagnosis in Brucellosis.—It is unfortunate there is no one reliable, specific test generally available for the diagnosis. In the diagnosis of brucellosis, the finding of Brucella by blood culture is diagnostic, but the test requires careful and rigid technique not available to that great group of practitioners most likely to observe the early cases. Then, too, the obtaining of a positive culture is largely a matter of accident in acute brucellosis and rarely found in chronic brucellosis. We should emphasize that negativity of any one test does not necessarily indicate that a Brucellar infection is not present, either in acute or chronic pulmonary brucellosis. A number of these diagnostic discrepancies may be mentioned. The agglutination test is of significance, only, if positive. A positive intradermal reaction indicates increased sensitivity to Brucella antigen but does not signify whether the infection is active; on the other hand, negative reactions have been observed in acute Brucella infections with positive blood cultures. The opsonocytophagic test requires accurate technique with virulent Brucella organisms. Increased phagocytosis with a positive intradermal reaction suggests a still active infection, although it may be logical to infer that a high degree of phagocytosis implies a balance between infection and immunity, but it does not mean that a Brucella infection is not present. Conditions, such as stated, produce a situation seemingly impossible for solution, but it is my opinion a diagnosis can be made in a large percentage of the cases observed.—A. E. Greer, M.D., Pulmonary Brucellosis, *Diseases of the Chest*, May, 1956.

PROCEDURE FOR CLINICAL EVALUATION OF RENAL FUNCTION

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• The procedure described is particularly helpful in evaluating the renal status of patients whose plasma concentrations of nonprotein nitrogen or urea may be but slightly elevated while creatinine clearance values may have fallen as low as 50 or 25% of normal. This includes many hypertensive patients, in whom the use of hypotensive drugs or sympathectomy may be under consideration. The test involves administering a water load of 2,000 ml. within two hours. This should normally lead to a diuresis of more than 8 ml. per minute. The collection of a blood sample for determination of creatinine, the injection of phenolsulfonphthalein, and the collection of urine samples are all timed in such a way as to yield figures for both glomerular and tubular functional capacity. The mean values for endogenous creatinine clearance by this method were 120 and 100 ml. per minute respectively, in 40 healthy men and 10 healthy women. The normal phenolsulfonphthalein excretion figures ranged from 25 to 45% for the first 15 minutes and from 55 to 80% for total two-hour excretion. The test is obviously contraindicated in the presence of acute renal failure with oliguria; in less severe forms of renal impairment it is informative and avoids the hazards of concentration tests involving restriction of fluid intake.

In the selection of laboratory procedures for the clinical evaluation of renal function it is frequently desirable to include one test that indicates the magnitude of the glomerular filtration rate and another that serves as a measure of renal tubular function. The present report describes a convenient method for combining two such tests in a single procedure; this consists of the measurement of endogenous creatinine clearance and phenolsulfonphthalein excretion during a water diuresis.

Procedure

No special preparation of the patient is required, although an extra 500 ml. of water may be given on the evening prior to the test. The protocol employed is given in table 1. The patient remains recumbent and does not smoke during the procedure. The amount of water and the time of its administration need not be exact. A sufficiently large load is given to ensure that water diuresis will be maintained at or near a peak rate during the first three urine collection periods. The urine collections and the injection of phenosulfonphthalein should be timed to the nearest minute. Except when significant impairment of bladder function is present, most patients are able to void satisfactorily at the specified time intervals. The blood sample can be obtained and phenolsulfonphthalein injected through the same needle, but care must be taken to avoid contaminating the blood sample with phenolsulfonphthalein, since this dye interferes with creatinine analysis. Accurate measurement of the amount of phenolsulfonphthalein injected is essential.

TABLE 1.—*Procedure for Evaluating Renal Function*

Elapsed Time, Hr.	Actual Time,* A. M.	Procedure
0	6:30	Drink 1,000 ml. of water within ½ hr.
½	7:00	Drink 250 ml. of water
1	7:30	Void and discard, drink 250 ml. of water†
1 ½	8:00	Void and discard, drink 250 ml. of water
2	8:30	Collect urine sample 1, drink 250 ml. of water
2 ½	9:00	Collect urine sample 2
2 ¾	9:15	Obtain blood sample for creatinine, then inject 1 ml. of phenolsulfonphthalein
3	9:30	Collect urine sample 3
3 ¾	10:15	Collect urine sample 4
4 ¾	11:15	Collect urine sample 5

* The test may, of course, be begun at any time desired.
† Voiding at this time prevents overdistention of the bladder and helps accustom the patient to the procedure.

Phenosulfonphthalein concentration in the urine is measured most accurately with a photoelectric colorimeter, but visual techniques are also satisfactory. Creatinine is determined by the Jaffe reaction,[1] which also measures a small amount of noncreatinine chromogen in the serum. Although more specific methods for the measurement of creatinine are available,[2] the simpler direct method is adequate for clinical use. The calculation of creatinine clearance is as follows:

$$\frac{\text{urine creatinine (mg./100 cc.)} \times \text{urine flow (ml./min.)}}{\text{serum creatinine (mg./100 cc.)}} = \text{Creatinine clearance (ml./min.)}$$

Results of a normal test and the method of recording are shown in table 2. If there is marked discrepancy in the urine flow or creatinine clearance values between the two clearance periods, the results are not reliable. Unless a high urine flow has been achieved prior to the first collection period, the first creatinine clearance value may be considerably higher than the second because the bladder and renal dead space contain residual urine of high creatinine concentration formed before water diuresis began. When this more concentrated urine is "washed out" and collected during the first period of high flow, an erroneously high value for urine creatinine concentration is obtained.

The procedure can be modified to measure the function of each kidney separately during cystoscopy. Large ureteral catheters (7 F. or 8 F.) are used to minimize leakage. In addition, the bladder is drained initially and washed out at the end of each collection period and the irrigation fluid is analyzed to determine if leakage has occurred. A 15-minute urine collection is

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obtained from each kidney for creatinine clearance. Blood for serum creatinine determination is then drawn, phenolsulfonphthalein is injected, and 15-minute phenolsulfonphthalein excretions are measured bilaterally.

Comment

The endogenous creatinine clearance has been widely employed as a measure of glomerular filtration rate. Although it does not measure filtration rate as precisely as inulin clearance, it is much better suited for clinical use because of simplicity and convenience.[3] The urea clearance has also been widely employed as a measure of renal function. Its magnitude represents a variable proportion of glomerular filtration rate, and interpretation is further complicated by the fact that urea clearance varies with the rate of urine flow. Creatinine clearance does not show such variation with urine flow, although a high rate of flow is desirable, as in any clearance procedure, to minimize collection errors. At low rates of flow such errors can be reduced by prolonging the collection period. Moreover, in our experience the chemical determination of urea presents greater difficulty than does that of creatinine.

TABLE 2.—*Combined Renal Function Test, Showing Representative Figures for Normal Test*[*]

Urine Sample, No.	Time, A. M.	Urine Volume, Ml.	Urine Flow, Ml./Min.	Urine Creatinine Concentration, Mg./100 Ml.	Creatinine Clearance,[†] Ml./Min.	Phenolsulfonphthalein Excretion, % of Injected Dye	Specific Gravity
1	8:00- 8:30	300	10.0	12.0	120	...	1.002
2	8:30- 9:00	360	12.0	11.0	132	...	1.001
3	9:00- 9:30	330	11.0	...	...	30	1.001
4	9:30-10:15	270	6.0	...	...	30	1.002
5	10:15-11:15	210	3.5	...	...	15	1.003
Total						75	

[*] Water load given, 2,000 ml; phenolsulfonphthalein injected at 9:15; serum creatinine 1 mg./100 ml.
[†] Av. creatinine clearance, 126 ml./min.

The mean value for endogenous creatinine clearance obtained in 40 healthy male subjects was 120 ml. per minute, with a standard deviation of ± 15 ml. per minute. A mean value of approximately 100 ml. per minute was obtained in 10 healthy women. The glomerular filtration rate in normal individuals varies with body size, age, and sex.[4] Clearance data are often corrected for body size, using 1.73 sq. m. of body surface area as a standard of reference. This correction need not be made routinely, but the height and weight should be recorded, so that variations in body size can be considered in interpreting the results. The inulin clearance has been shown to decrease with advancing age in normal men free of renal disease. Mean normal values of 90 to 100 ml. per minute per 1.73 sq. m. have been reported in men over 50, and of about 65 ml. per minute per 1.73 sq. m. in men over 80. This variation with age may well hold for creatinine clearance and should be applied to the interpretation of values in older patients.

In normal subjects phenolsulfonphthalein excretion ranges from 25 to 45% in 15 minutes, with a total excretion of 55 to 80% in two hours. The results of this test depend upon the renal plasma flow, the function of the tubule cells, the volume of the distribution of the dye (which is chiefly the blood volume), and, particularly in the 15-minute sample, the amount of delay encountered in the genitourinary tract. The value of a 15-minute sample in detecting minor impairment of function is greatly reduced if bladder emptying is incomplete.[5] To minimize such error, the urine volume should be large. For example, a 10-ml. residual urine volume introduces a 25% error if the volume voided is 30 ml. but only a 5% error if the volume voided is 190 ml. A low 15-minute value with a normal two-hour total suggests that bladder emptying is significantly impaired. Depressions of both 15-minute and two-hour values indicate renal tubular damage or diminished renal blood flow or both and do not distinguish between them.

The administration of a water load of the magnitude employed in the present procedure leads to a diuresis in excess of 8 ml. per minute in normal subjects. The occurrence of such a water diuresis requires an adequate glomerular filtration rate and the ability to form a dilute urine. Inability to secrete a dilute urine is uncommon in renal disease except in patients with advanced failure. However, maximum flow is frequently reduced owing to a decreased rate of filtration. (It is recognized that impairment of water diuresis may occur without primary renal disease, as in adrenocortical insufficiency and certain edematous states. Various antidiuretic stimuli, such as pain, emotional stress, nicotine, and narcotics, also impair water diuresis.) Conversely, the finding of a high maximal urine flow usually indicates that filtration rate is not severely impaired.

The procedure described was not designed as a "screening" test to establish the presence of normal renal function but has been used to evaluate patients with evidence of renal disease. For the former purpose a concentration test[6] is much simpler and has been extensively employed. When significant renal insufficiency is suspected, a concentration procedure requiring fluid restriction may be hazardous.[7] Moreover, it is difficult to estimate the magnitude of renal functional impairment from the results of a concentration test.

The present procedure has been particularly helpful in evaluating patients with normal or only moderately elevated plasma concentrations of nonprotein nitrogen or urea, some of whom may have impaired function as evidenced by creatinine clearance values as low as 25 to 50% of normal. This group includes many hypertensive patients in whom such impairment is of great importance, especially when the use of antihypertensive agents or sympathectomy is under consideration. Although it has been suggested that determination of the plasma creatinine concentration alone will provide adequate evaluation of renal function,[8] in our experience it is not uncommon to find distinct lowering of clearance values with plasma creatinine in the normal range. However, an elevated plasma concentration clearly indicates renal functional impairment. When renal failure is advanced, plasma nonprotein nitrogen, urea, and creatinine concentrations are markedly elevated and further evaluation of renal function is generally superfluous. Moreover, in such patients a large water load may lead to nausea

and vomiting, which are particularly to be avoided in renal failure. Water loading is obviously contraindicated in the presence of acute renal failure with oliguria.

Summary

A single procedure for measurement of endogenous creatinine clearance and phenolsulfonphthalein excretion during a water diuresis is a useful adjunct to the clinical evaluation of renal function.

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Miss Ellen Vaznelis and Miss Miriam Halpin provided technical assistance in this study.

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NYSTATIN (MYCOSTATIN) IN THE TREATMENT OF MONILIAL AND NONMONILIAL VAGINITIS

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• Candida albicans infection (moniliasis) was demonstrated by culture in 59 out of 76 patients who had symptoms of vaginitis. Treatment with nystatin, inserted as tablets vaginally at bedtime, cured the moniliasis in 58 cases and failed only in one patient, who did not follow instructions. Of the two case histories given, one illustrates recovery, within two days, of a patient who had been treated for intense pruritus by various other means for several months; the other patient developed moniliasis after intensive treatment with antibiotics for pelvic inflammatory disease and recovered from moniliasis promptly after administration of nystatin. The infection recurred in 14 cases but was eradicated by a second course of treatment. Nystatin was not effective as a rule in trichomoniasis, but in moniliasis it relieved the pruritus promptly and did not cause any side-effects.

Vaginal discharge, whether a primary or secondary symptom, is the most common pelvic complaint encountered in office practice. When a patient comes in complaining of vaginal itch accompanied by leukorrheal discharge, the symptoms usually are caused by either monilial (Candida albicans) vaginitis or trichomonal vaginitis. Leukorrhea due to nonspecific causes as well as to endocervicitis is not associated with pruritus. In the past, trichomonal vaginitis has had an appreciably higher incidence than monilial vaginitis. Now, however, monilial vaginitis is the more common of the two conditions. This reversal in incidence undoubtedly reflects to some extent the improved methods of diagnosis in vaginal moniliasis, but it is worth noting that this ratio has reversed since the development of antibiotics. Lee and Keifer [1] report that, prior to the advent of antibiotics, the usual office practitioner encountered four cases of trichomoniasis for every one of vaginal moniliasis; today, nearly a decade later, he finds three cases of monilial vaginitis for each case of trichomonal vaginitis. This ratio would seem too low in our experience. In our series of unselected office patients reported here, we found that the ratio of trichomonal vaginitis to monilial vaginitis in nonpregnant patients was 1:7. Among pregnant patients this ratio was 1:15. Many patients who appeared clinically to have trichomonal vaginitis were later shown to have monilial vaginitis.

Vaginal moniliasis has always posed a therapeutic problem. Heretofore, gentian violet has served as the principal therapeutic agent for this troublesome and often stubborn infection. However, gentian violet, as well as some of the gentian variants, not only is somewhat undependable but frequently produces irritation. In addition, the patient dislikes its staining property, and she also finds gentian violet difficult to apply correctly by herself. Various other preparations have been employed, but none has provided consistently satisfactory therapy.

Recently an antifungal antibiotic said to be both fungicidal and fungistatic for C. albicans has been introduced.[2] This agent, Mycostatin or nystatin, the now-accepted generic name assigned it by its discoverers, Hazen and Brown,[3] is derived from Streptomyces noursei. Shown to have extremely low toxicity, nystatin is also remarkably free of side-effects.[4] Because of these properties, it was decided to try nystatin in the treatment of vaginitis, and, so that it could be easily and conveniently inserted by the patient herself, it was used in the form of a tablet for vaginal insertion.

Clinical Material

The series here presented consists of 76 consecutive unselected cases of vaginitis encountered in office practice. The presenting complaints in all patients were leukorrhea and pruritus. These symptoms were severe in 28 women, moderate in 47, and mild in one

patient. Vaginal smears from all 76 women were cultured for C. albicans, and in all cases a search was made (using the hanging-drop method with sodium chloride solution and the diagnostic aid, Trichomonas Diluent) for Trichomonas vaginalis. None of the patients proved to have both trichomonal vaginitis and monilial vaginitis. Mixed vaginal infections by C. albicans and T. vaginalis have not been observed by us, and it is our belief that such cases are extremely rare. Those reported may represent an error in diagnosis, since clinically there is some similarity in the conditions. Such errors can be avoided by basing the diagnosis on the results of culture.

Nickerson's medium was used exclusively for culturing of specimens for C. albicans. The active ingredient of this medium is a complex polybismuth sulfite. Culturing with Nickerson's medium, which has been well described in detail by Perl and co-workers,[5] is uncomplicated and can be adopted as a routine office procedure. As regards obtaining the material for culture, three points warrant emphasis. First, the patient should be instructed that she is neither to douche nor to use any medicament intravaginally for 72 hours prior to the taking of material for culture. Second, material for culture from the vagina should be obtained with a sterile, cotton-tipped applicator introduced through a sterile, nonlubricated bivalve speculum. In the absence of cheese-like particles in the vagina or on the vulva, a specimen should be taken from the secretion between the rugae of the lateral vaginal walls and at the mucocutaneous borders of the introitus. Third, cervical secretions are of no value in determining the presence of Candida organisms by culture.

Culturing presents no problems. The culture can be kept at either room or incubator temperature. If kept at room temperature, the observation period is two to five days. However, nystatin therapy can and should be started immediately, rather than delayed until the results of culture are known. If the culture is incubated at 32 to 37 C (89.6 to 98.6F), the result can be obtained within 24 to 48 hours. A positive culture will show C. albicans growing in large, jet black or dark brown, shiny, hemispherical colonies. On continued incubation, peripheral filamentation is revealed. Because of the ease and accuracy of culturing with Nickerson's medium, we prefer it to other mediums.

A total of 59 patients proved to have monilial (C. albicans) vaginitis. Thirty-one of these women were pregnant and 28 nonpregnant. Three of the nonpregnant patients, it is interesting to note, had received antibiotic therapy prior to the onset of monilial vaginitis. In every case the diagnosis of monilial vaginitis was confirmed by culture. Evaluation of nystatin therapy was based on clinical improvement and the results of cultures obtained at two follow-up examinations. The first examination was made one week after the institution of therapy and the second examination two to three months later.

In all patients therapy consisted solely of vaginal insertion of nystatin tablets, each containing 100,000 units of nystatin. No douches were prescribed or used during therapy, primarily because we do not consider the vaginal pH an important factor and consequently felt it unnecessary to attempt alteration of the pH with acid or alkaline douches. Therapy was not discontinued during menstruation. Three different dosage schedules were employed. All patients were instructed to insert the tablet just before retiring; when 2 tablets were ordered, they were to be used together, rather than one at night and one in the morning. Of the 31 pregnant women, 26 were instructed to use 1 tablet nightly for 7 nights, 2 were to use 1 tablet nightly for 14 nights, and the remaining 3 were to use 2 tablets nightly for 7 nights. Among the 28 nonpregnant patients, 12 were to use 1 tablet nightly for 7 nights, 5 were to use 1 tablet nightly for 14 nights, and 11 were to use 2 tablets nightly for 7 nights.

TABLE 1.—*Results of Treatment with Nystatin in Thirty-One Pregnant Patients with Vaginal Moniliasis*

Dosage	Patients, No.	Results, Early				Recurrences Patients, No.	Results, Final
		Excellent	Good	Fair	Poor		Excellent
1 tablet daily for 7 days	26	24	1		1	9	26
1 tablet daily for 14 days	2	2					2
2 tablets daily for 7 days	3	2		1		1	3
Totals	31	28	1	1	1	10	31

Results in Vaginal Moniliasis

Intravaginal therapy with nystatin was successful in 98.3% of the 59 patients with vaginal moniliasis. Clinical manifestations disappeared and cultures became negative in all but one patient. Relief from pruritus was obtained within 48 hours in all cases. When the results in pregnant and nonpregnant patients are considered separately, it is seen that 100% of the pregnant patients and 96.3% of the nonpregnant patients responded favorably. The single patient who failed to respond to therapy used the medicament for only one week and thereafter failed to comply with instructions. We consider this failure to be due to lack of cooperation on her part. The above results are final, as determined by culture and clinical improvement at the follow-up examinations two to three months after initiation of therapy. Tables 1 and 2 show these final results and also present the early results, which were evaluated on the basis of clinical improvement and cultures obtained after one week of therapy. These tables also indicate the dosage schedule and the number of patients who had recurrences.

TABLE 2.—*Results of Treatment with Nystatin in Twenty-Eight Nonpregnant Patients with Vaginal Moniliasis*

Dosage	Patients, No.	Results, Early		Recurrences Patients, No.	Results, Final
		Excellent	Poor		Excellent
1 tablet daily for 7 days	12	11	1	2	11
1 tablet daily for 14 days	5	5		1	5
2 tablets daily for 7 days	11	11		1	11
Totals	28	27	1	4	27

Recurrence was indicated by reappearance of symptoms and positive cultures. In patients with recurrences, the interval between the cessation of therapy and recurrence ranged from two to five weeks. There did not appear to be any relationship between the severity of symptoms and recurrence; however, both the therapy schedule employed and pregnancy did appear to have some bearing on recurrence. Seventy-nine per cent of the relapses occurred in patients who used 1 tablet for seven days; or, expressed another way, 29% of the patients who were on this particular schedule had a recurrence. Further experience with nystatin will no doubt enable us to set up therapy schedules closer to the optimum.

Report of Cases

Two cases are presented for illustration. One patient had monilial vaginitis of long standing that was refractory to all forms of treatment except with nystatin. The second patient presented symptoms subsequent to intensive antibiotic therapy.

Case 1.—This woman had been suffering from intense vaginal itching for several months, during which time she had tried several forms of gentian violet, various douches, and other preparations, with intermittent partial relief. She became pregnant and presented herself at our office six weeks later. Culture for Candida was strongly positive within 24 hours, and nystatin therapy was started. Within two days she remarked that she had never felt so free of her symptoms, and subsequent cultures remained negative.

Case 2.—This woman had had a total hysterectomy and bilateral salpingo-oophorectomy for multiple uterine fibroids associated with chronic pelvic inflammatory disease. During the postoperative period she developed a pelvic abscess that was treated with intensive antibiotic therapy and subsequently drained from below. Shortly after discharge from the hospital she presented herself at our office complaining of severe vaginal pruritus. Culture for Candida was positive, and she was immediately given nystatin tablets to insert. Her condition cleared up within two days, and subsequent cultures were negative.

Results in Nonmonilial Vaginitis

Seventeen of the patients in this series of 76 were found to have nonmonilial vaginitis. Six had trichomonal vaginitis and were also treated with nystatin tablets to be inserted vaginally on the same therapy schedules. Two of these patients were pregnant, and in one of these an excellent early and final result was obtained. In the other patient, however, early results were poor, and she ultimately required other therapy. Of the four nonpregnant patients, two obtained no relief and were immediately started on other therapy. In the other two patients, early results were fair in one and poor in the other. Other therapy was subsequently employed. Cultures from the remaining 11 patients were all negative for both C. albicans and T. vaginalis. In nine, the early results with nystatin were poor, and all were placed on another form of therapy. Two women had a good early response to nystatin; in one of these the final result was excellent, while in the other the final result remained good. The results in these cases of nonmonilial vaginitis add to the evidence that nystatin is specific for C. albicans infections.

Comment

Although the pH of the vagina is held by many to be an important factor in the development of moniliasis,[6] we have not found this to be true. So far as could be determined, the pH played no part in the production of vaginitis in any of the patients in this series. Theoretically, a normal pH would favor the development of fungal infections, since fungi, in vivo as well as in vitro, grow best in an acid environment. However, an increase in the pH may be followed by clinical moniliasis. A high glycogen content in the vaginal mucosa has also long been regarded as a predisposing factor in fungal infection. Indeed, it is this increased glycogen content that is presented as the reason for the larger incidence of vaginal moniliasis in pregnant women or in women with diabetes. The exacerbations sometimes seen in the premenstrual phase are also accounted for by the increased amount of glycogen then present in the vaginal mucosa.[7]

Our experience would suggest that the importance of both the pH and the glycogen content is perhaps overemphasized. The cases making up this series were almost equally distributed between pregnant and nonpregnant women. Furthermore, there did not appear to be any correlation between the phase of the menstrual cycle and the onset or exacerbation of symptoms. Reinvestigation of the relationship between increased glycogen content in the vaginal mucosa and the production of monilial vaginitis may be justified. Perhaps appropriate studies would result in the identification of other factors operative in the development of vaginal moniliasis.

Summary

In a series of 76 consecutive cases of vaginitis encountered in office practice, 59 were proved by culture to be caused by Candida albicans. Six cases were caused by Trichomonas vaginalis, and 11 were due to neither monilial nor trichomonal infections. The ratio of trichomonal vaginitis to monilial vaginitis was 1:7 in nonpregnant patients and 1:15 in pregnant patients. All 59 patients with vaginal moniliasis, 31 of whom were pregnant and 28 of whom were nonpregnant, were treated with nystatin (Mycostatin), a new antifungal agent. Therapy with nystatin tablets, inserted vaginally, was successful in 98.3% of these 59 patients with vaginal moniliasis; that is, an excellent result was obtained in 100% of the pregnant patients and in 96.3% of the nonpregnant patients. Therapeutic response was judged on the basis of clinical improvement and of the results of cultures obtained at follow-up examinations. Ten pregnant patients and four nonpregnant patients with monilial vaginitis had recurrences, as determined by culture and clinical manifestations, two to five weeks after the cessation of therapy. Repeat courses of nystatin gave excellent final results in all 14 of these women. Relief from pruritus caused by vaginal moniliasis was obtained within 48 hours of the institution of nystatin therapy. Nystatin proved effective in the treatment of only 2 of the 17 cases of nonmonilial vaginitis. There was no

evidence of any form of drug toxicity in any of the cases. The vaginal pH and glycogen content do not appear to be predisposing factors in vaginal moniliasis.

Addendum

Since the preparation of this report, five additional patients with proved monilial vaginitis have been treated with nystatin tablets. All five patients obtained excellent early and final results.

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The nystatin used in this study was supplied as Mycostatin by E. R. Squibb & Sons, New York.

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7. Footnote 6 *a* and *b*.

EFFECTS OF 3,5,3′ L-TRIIODOTHYRONINE IN PATIENTS WITH METABOLIC INSUFFICIENCY

PRELIMINARY REPORT

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• *A general slowing down of metabolic processes usually is associated with subnormal thyroid activity, but it can also be seen in cases where the thyroid is normally active as judged by its ability to take up radioactive iodine and by the levels of cholesterol and protein-bound iodine in the blood. The latter type of case is marked by differences in the effect of certain medicaments upon the patient. Eight patients are here described because their signs and symptoms of metabolic insufficiency were not relieved by protracted medication with desiccated thyroid preparations. Six of them improved subjectively and objectively when treated with 3, 5, 3′ L-triiodothyronine. The dosage had to be adjusted to the individual patient, but in general 50 mcg. per day was safe and effective. Since this drug not only is effective and rapid but also differs from desiccated thyroid in its site of action, it is valuable in the treatment of metabolic insufficiency.*

The effects of thyroid dysfunction on metabolism have long been recognized, even though the exact mechanisms are still unknown. In hypothyroidism, when the gland is absent or not functioning properly, the metabolic rate in various organ systems of the body is depressed.[1] Such depression results in symptoms of myxedema and in lethargy, emotional instability, dulness, and other "slowing down" processes. Moreover, the depression can be measured by basal metabolic rate tests and confirmed by serum protein-bound iodine and radioactive iodine (I^{131})—uptake tests that indicate a reduced output by the thyroid gland.[1]

Besides occurring in hypothyroidism, metabolic depression is known to exist also in patients who apparently have normal thyroid function.[2] Such patients show symptoms and physical signs that often mimic hypothyroidism, and they have a low-normal or subnormal basal metabolic rate (below –20%). At the same time, however, they have normal protein-bound iodine levels, I^{131} uptake, and cholesterol values; in other words, they have normal thyroid gland function. A very small portion of these particular patients may have hypopituitarism, nephrosis, malnutrition, hypogonadism, adrenal cortical hypofunction (Addison's disease), or some other disorder. When these known causes for metabolic depression are excluded, however, there still remains a group of patients who show signs and symptoms due to a specific disorder: metabolic insufficiency or hypometabolism.[3]

Since the discovery of 3,5,3′ L-triiodothyronine by Gross and Pitt-Rivers,[4] various investigators[5] have reported findings that seem to explain how a subnormal basal metabolic rate can coexist with apparent normal function of the thyroid gland. Specifically, these findings have suggested that, in the patient with metabolic insufficiency, thyroid products cannot properly be utilized in metabolic processes at the tissue level. Freedberg and others,[2b] Lee,[6] and Kirk and Kvorning[7] have reported that patients with this disorder generally do not show symptomatic or metabolic responses to thyroid extract, thyroglobulin, or thyroxine. Such patients, however, have responded to treatment with L-triiodothyronine after failing to do so with thyroid preparations.[2] Because of these favorable reports, I undertook the present study to evaluate the clinical efficacy of L-triiodothyronine. The aims of the study were (1) to evaluate symptomatic and metabolic responses to L-triiodothyronine and (2) to compare these responses with those obtained with desiccated thyroid in previous treatments.

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Material and Method

Of eight patients (five females and three males) between the ages of 22 and 55 years given a diagnosis of metabolic insufficiency, all had basal metabolic rates between –28 and –36% on at least two repeated tests. None showed signs of metabolic depression attributable to malnutrition, psychoneurosis, anorexia nervosa, adrenal insufficiency, nephrosis, or other known disorders. Symptoms and physical signs seen in the group were chronic fatigability, stiffness of muscle and joint, sensitivity to cold, constipation, obesity, facial puffiness, dry hair and skin, and general lassitude. All the patients had been treated previously with 2 to 3 grains (0.13 to 0.19 gm.) of desiccated thyroid per day for as long as six months to five years before this study. With this therapy, however, none had gained more than transient, moderate relief of symptoms and none had shown a significant rise in basal metabolic rate (table 1).

Before L-triiodothyronine was given, desiccated thyroid was withdrawn from each patient for from one to five months. At the end of this rest period, basal metabolic rates ranged between –28 and –36%. Other thyroid function values, however, were within normal limits. Protein-bound iodine levels by the Barker method[8] ranged from 3.5 to 5.2 mcg. per 100 ml.; fasting serum cholesterol levels, from 186 to 240 mg. per 100 ml.; 24-hour I^{131} uptake (measured in four patients) ranged from 33 to 40%. In six patients, values of 24-hour excretion of neutral 17-ketosteroids, assayed by the Holtorff-Koch modification of the Zimmerman reaction, ranged from 9.2 to 14.8 mg. L-triiodothyronine was administered initially in doses of 12.5 to 25 mcg. daily; the dosage was then increased by 12.5 or 25 mcg. daily every two weeks. Maximum doses ranged between 50 and 100 mcg. daily (table 1). After four to eight weeks, basal metabolism tests were repeated. In three patients who were treated for a longer time, the basal metabolic rate was remeasured after several months.

Results

Symptomatic and metabolic responses were observed in six of the eight patients during one to two months of treatment with L-triiodothyronine (table 2). Symptoms of fatigue and of aching and stiffness in muscles and joints disappeared completely in the six patients who responded; in some patients, symptoms of constipation, sensitivity to cold, obesity, and facial puffiness also subsided or disappeared. During the same period, the basal metabolic rates in six of the eight patients rose to –16% or higher. The average elevation was 18%; the range, 16 to 20% (table 1 and figure). Two patients who had been hypersensitive to desiccated thyroid did not show metabolic or symptomatic responses to 50 mcg. of L-triiodothyronine daily. Typical responses are illustrated in three case histories below. The first describes a patient who showed a favorable response; the second, a patient who did not respond; and the third, a patient who responded but then had a relapse when the drug was voluntarily withdrawn.

CASE 1.—A patient, a 48-year-old male, had shown symptoms of fatigue, muscular aches, facial puffiness, loss of hair, sensitivity to cold, brittle nails, and obesity for three years. His basal metabolic rate in July, 1954, was −32%. During the year that followed, he was treated with up to 3 grains of desiccated thyroid daily with only transient relief of symptoms; he could not tolerate higher doses. In July, 1955, his basal metabolic rate was −34%. Desiccated thyroid was withdrawn, and in August, 1955, his basal metabolic rate was −32%; the protein-bound iodine level, 3.5 mcg. per 100 ml.; and I^{131} uptake, 33%. L-triiodothyronine was given in increasing dosage up to 62.5 mcg. daily. After one month (in September, 1955) his basal metabolic rate had risen to −16%. He had lost 6 lb. and reportedly "was able to perform a full day's work as a school principal for the first time in three years" because of the disappearance of fatigability, the clearing up of muscular pains in his legs, and the loss of a feeling of depression that had previously developed toward the latter part of his working day. Symptoms of facial puffiness and sensitivity to cold had also subsided. Three months later, on therapy with 50 mcg. of L-triiodothyronine daily, his basal metabolic rate was −12% and he remained improved.

CASE 2.—A 28-year-old female patient had shown symptoms of inability to gain weight, chronic fatigability, constipation, sensitivity to cold, brittle nails, and arthralgic pains ever since adolescence. In November, 1953, her basal metabolic rate was −36%. For six months following that time, she was given up to 2 grains of desiccated thyroid daily, without relief of symptoms. Doses higher than this caused her to become nervous and irritable, and she developed palpitations. After six months, her basal metabolic rate was still −36%, and desiccated thyroid had to be withdrawn. In July, 1955, her basal metabolic rate was −28%; protein-bound iodine level, 5.2 mcg. per 100 ml.; and I^{131} uptake (24 hour), 33%. She was given L-triiodothyronine in increasing doses up to 50

TABLE 1.—*Effects of Desiccated Thyroid and of L-Triiodothyronine in Patients with Metabolic Insufficiency*

			Treatment with Desiccated Thyroid			Status 1 Mo. or More After Withdrawal of Desiccated Thyroid				Treatment with L-Triiodothyronine		
Case No.	No. of Yr. Symptoms Present	BMR Before All Treatment	Maximum Dosage, Grains /Day	Duration of Treatment, Yr.	BMR After Treatment, %	PBI, Mcg. /100 Ml.	I^{131} Uptake (24 Hr.), %	Serum Cholesterol, Mg. /100 Ml.	BMR, %	Maximum Dosage, Mcg./Day	BMR After Treatment, %	Remarks
1	10	-22	3	5	-28	4.5	..	210	-30	75	-12 (1 mo.) -10 (6 mo.)	Satisfactory response
2	3	-32	3	1	-34	3.5	33	220	-32	62.5	-16 (1 mo.) -12 (4 mo.)	Satisfactory response
3	2	-24	2	1	-28	4.5	..	186	-28	75	-12 (1½ mo.)	BMR dropped to -28% 2 mo. after patient voluntarily discontinued medication
4	5	-22	3	2	-28	3.8	30	220	-30	75	-12 (1½ mo.)	Satisfactory response
5	6	-28	3	1	-32	5.0	..	240	-30	100	-10 (1½ mo.) -16 (5 mo.)	Satisfactory response
6	2	-32	2	1	-34	5.2	40	186	..	62.5	-16 (2 mo.)	BMR dropped to -24% when patient voluntarily stopped medication; 1 mo. after resumption of medication, BMR -14%
7	8	-38	3	1	-40	3.8	..	210	-36	50	-36 (1 mo.)	No response to treatment
8	10	-36	2	½	-36	5.2	33	186	-28	50	-30 (1 mo.)	No response to treatment

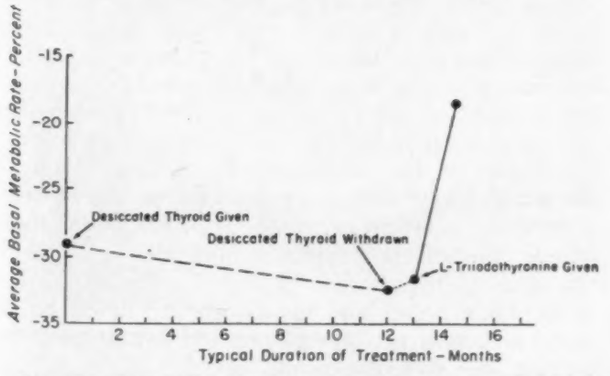
mcg. daily for one month. During this time, she felt less fatigued but showed signs of increased nervousness, insomnia, and palpitations, so the drug was withdrawn. Her basal metabolic rate was −30% at this time.

TABLE 2.—*Symptomatic Responses in Six Patients During Four to Eight Weeks of Treatment with L-Triiodothyronine*

Symptoms	No. of Cases After Treatment with Desiccated Thyroid	No. of Patients Responding to Treatment with L-Triiodothyronine
Chronic fatigue	6	6
Muscle or joint aching, stiffness	6	6
Sensitivity to cold	4	2
Constipation	4	1
Obesity	4	1
Brittle nails	3	0
Facial puffiness	3	2

CASE 3.—A 28-year-old female reported symptoms of fatigue, facial puffiness, muscular aches, constipation, and sensitivity to cold that had persisted for two years. In April, 1954, her basal metabolic rate was −32%. She was treated with 2 grains of desiccated thyroid daily for one year and could not tolerate higher doses due to palpitation and insomnia. After one year (in April, 1955) her basal metabolic rate was −34%. Desiccated thyroid was withdrawn, and after one month her protein-bound iodine level was 5.2 mcg. per 100 ml.; and I^{131} uptake (24 hour) was 40%. She was given L-triiodothyronine in increasing doses up to 62.5 mcg. daily. After two months (in September, 1955) her basal metabolic rate had risen to −16% and all of her symptoms had subsided. Because she felt so improved, she voluntarily discontinued medication. Within two weeks, symptoms of fatigue and muscular aching reappeared, and her basal metabolic rate had dropped to −24%. Treatment with L-triiodothyronine was resumed, and in one month her basal metabolic rate had risen to −14% and her symptoms of fatigue and muscular aching had subsided. She reportedly "felt so lively again and complained so little of fatigue" that her husband "wanted her never to discontinue the drug again."

Two patients (cases 7 and 8, table 1) who had been hypersensitive to desiccated thyroid developed insomnia, palpitation, and increased nervousness while taking 50 mcg. of L-triiodothyronine daily. In these cases, therapy was discontinued. Two other patients (cases 1 and 4, table 1) showed moderate palpitations while taking L-triiodothyronine; in one, side-reactions were not severe enough to warrant discontinuing use



The effects of desiccated thyroid and L-triiodothyronine on basal metabolic rates of patients with metabolic insufficiency (average response in eight patients).

of the drug; in the other, side-reactions were eliminated by reducing the dosage from 75 mcg. daily to 37.5 mcg. daily, although a decrease in basal metabolic rate resulted. Dosage in the latter case had to be adjusted gradually to an intermediate level. Side-reactions, when they occurred, disappeared within several days after the use of the drug was discontinued or the drug was reduced in dosage. Of all the six patients who responded to treatment, conditions of none have shown signs of becoming refractory after two months of treatment with L-triiodothyronine. Three have been treated for as long as four months without their conditions becoming refractory to the drug.

Comment

All of the patients in this study had normal protein-bound iodine levels, and four were known to have normal I^{131}-uptake values. Therefore, it was concluded that the thyroid function in these patients was normal and that the output of their thyroid glands should have been adequate for proper metabolism. There was, then, some defect other than hypothyroidism responsible for their subnormal basal metabolic rates and for their clinical symptoms. Patients with this disorder reportedly do not usually respond to treatment with desiccated thyroid, thyroid extract, or thyroxine.[9] When the basic nature of the disorder is considered, however, the reason for this unresponsiveness is clear. If a patient has a deficient thyroid function, as evidenced by low protein-bound iodine level and low I^{131}-uptake values, he could be expected to respond to hormonal replacement therapy because he has a shortage of thyroid products. On the other hand, if a patient has a low basal metabolic rate but normal protein-bound iodine and normal I^{131}-uptake values, his disorder is not caused by lack of thyroid products, so he would not be relieved by hormonal replacement therapy. Indeed, this was true in the eight cases reported here: all the patients had been treated with desiccated thyroid for six months to five years without symptomatic response or elevation of basal metabolic rate.

Several reasons for the failure of thyroid replacement therapy to relieve metabolic insufficiency have been suggested in the literature. Reiss and Haigh[10] have proposed that there may be a defect in some patients that is due to insensitivity of the body tissues to thyroid hormone. Winkler and others[11] have suggested that perhaps the thyroid hormone is destroyed, stored, or rapidly inactivated in such patients. Freedberg and his associates[2] have suggested the possibility of a defect in the transformation of thyroxine to a more active form or an impermeability of the tissues to thyroxine.

The results of the present study have proved that L-triiodothyronine is definitely effective in treating patients with metabolic insufficiency who do not respond to desiccated thyroid. Considering the theoretical reasons above, it appears that L-triiodothyronine bypasses the specific defect involved, it may be more readily absorbed at the tissue level than desiccated thyroid is, or it may stimulate metabolic processes more efficiently.

It is interesting that, during treatment with desiccated thyroid, the basal metabolic rate of seven of the eight patients had dropped to slightly lower than pretreatment levels (table 1 and figure). These drops, which are statistically significant at the 0.01 level, may

have been due to experimental error, a weight gain in the patients that would affect the calculation but not the total oxidation process, or a gradual worsening of the patients' metabolic processes with passing of time, since use of desiccated thyroid was not correcting the basic disorder. Inasmuch as identical techniques were used in all basal metabolic rate measurements, and since not all patients gained weight during treatment with desiccated thyroid, the last explanation seems the most likely. If any particular treatment is ineffective, the disorder will probably become more severe, as it may have become in these patients. Proof for the supposition, however, could not be found from the present laboratory and clinical data.

Summary and Conclusions

This study has demonstrated the effects of 3,5,3′ L-triiodothyronine in eight patients with metabolic insufficiency. Despite treatment with desiccated thyroid for six months to five years, each of the patients had symptomatic and physical abnormalities due to metabolic depression. The basal metabolic rates of the group ranged between −28 and −36%, although other thyroid function values were normal. Serum protein-bound iodine levels ranged between 3.5 and 5.2 mcg. per 100 ml.; serum cholesterol levels varied from 186 to 240 mg. per 100 ml. I^{131}-uptake values, measured in four patients, were also normal.

L-triiodothyronine was administered in increasing dosages until maximum doses of 50 to 100 mcg. daily were reached. Within one to two months, symptoms of chronic fatigue and aching in muscles and joints disappeared in six of the eight patients. Improvements were also noted in weight, bowel function, and thermal regulation. Concomitantly, the basal metabolic rates in the six patients responding were elevated to −16% or higher. The average elevation was 18%, the range 16 to 20% above values measured after treatment with desiccated thyroid. Two of the patients with marked sensitivity to desiccated thyroid developed insomnia, increased nervousness, and palpitations while taking 50 mcg. daily of L-triiodothyronine. When the drug was withdrawn, however, the effects of overstimulation disappeared within several days. Two other patients, taking 75 mcg. daily, showed mild signs of overstimulation, but therapy was not discontinued. The remaining patients tolerated L-triiodothyronine satisfactorily.

In summary, L-triiodothyronine produced satisfactory symptomatic and physical improvement and elevation in basal metabolic rate. It is concluded, therefore that L-triiodothyronine is a rapid and effective metabolic stimulant and therapeutic agent for treating metabolic insufficiency. Further studies with this compound are warranted.

York and Keith roads.

The L-triiodothyronine used in this study was supplied as Cytomel by Smith, Kline & French Laboratories, Philadelphia.

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CLINICAL NOTES

THE ANTIGRAVITY SUIT (G-SUIT) IN SURGERY

CONTROL OF BLOOD PRESSURE IN THE SITTING POSITION AND IN HYPOTENSIVE ANESTHESIA

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and
Donald F. Dohn, M.D., Cleveland

To meet the needs associated with high-speed flying, aviation medicine has developed an inflatable suit to be used for the prevention of blackouts that afflict the flyer when he pulls his plane sharply out of a fast dive. Because these suits were designed to counteract the force of gravity, which is multiplied many times during such maneuvers, they became known as antigravity suits or, more simply, as g-suits. The standard aviation garment consists of inflatable leggings and an abdominal binder, which, by constricting the lower part of the body, prevent pooling of blood. Wood and his co-workers [1] demonstrated the effectiveness of the g-suit in observations in the human centrifuge. Restall and Smirk [2] applied the principle to the study of hypotension produced with hexamethonium, while Seiker and his associates [3] described its mode of action in cases of postural hypotension occurring after sympathectomy.

For several years we employed an aviation antigravity suit to prevent postural hypotension during certain neurosurgical operations carried out with the

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patient in the sitting position. The suit was put on the patient before he was placed in the chair, and, if a fall in blood pressure occurred during the operation, it could be combated by inflating the suit from a tank of gas. The disadvantage of the standard aviation garment, however, lay in the fact that it was awkward to put on the patient; therefore, unless the need could be clearly anticipated, it was not employed.

For this reason, a more easily applied g-suit was devised. It consists merely of two sheets of vinyl plastic sealed at the edges to form a large inflatable bladder. This is placed beneath the patient, the edges are folded over so as to enclose him from the rib margin to the ankles, and it is drawn snug by lacing. A manometer is attached to a tube leading from the upper part of the bladder; to a second tube leading from the lower end, a tank of gas is attached from which the bladder may be inflated in a matter of seconds (fig. 1). This suit has an advantage over the above-described aviation garment in that it also compresses the pelvic area and buttocks. Experience with this g-suit has shown that it is not necessary to enclose the legs separately to obtain the desired hemodynamic effect, that pressures in excess of 20 mm. Hg are seldom indicated, and that reduction of vital capacity does not result with pressures up to 40 mm. Hg.

Fig. 1.—G-suit on patient in sitting position.

The efficacy of this type of g-suit was demonstrated in a diabetic patient with severe postural hypotension. This patient could not sit up without fainting. She was placed on a tilt table, and the g-suit was put on her. With the patient in the horizontal position, the intra-arterial pressure was recorded at 130/80 mm. Hg. When the table was tilted so that the head was elevated 55 degrees above the horizontal, the blood pressure immediately fell to 50/20 mm. Hg, and the patient complained of feeling faint. The g-suit was then inflated to a pressure of 10 mm. Hg, and the blood pressure immediately was raised to 115/60 mm. Hg. The pressure in the g-suit was released, and the systolic blood pressure fell to a level below 50 mm.

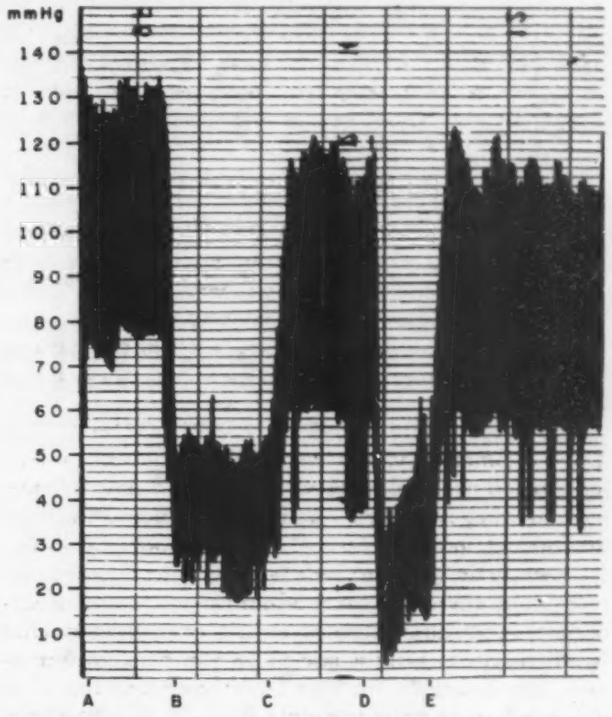

Fig. 2.—Intra-arterial recordings of blood pressure levels of patient with postural hypotension, taken with patient on tilt table; *A*, patient in horizontal position; *B*, patient's head raised 55 degrees; *C*, suit inflated to 10 mm. Hg; *D*, pressure in suit released; *E*, suit reinflated to 10 mm. Hg.

Hg. When the g-suit was again inflated to 10 mm. Hg, the blood pressure again rose to 115/60 mm. Hg (fig. 2).

This suit has proved to be of value in cordotomies carried out with the patient in the sitting position, because in this operation the sympathetic pathways in the cord may be interrupted, resulting in the immediate development of postural hypotension (fig. 3). The g-suit has been helpful in overcoming the syncope in the sitting position that sometimes is observed in patients operated on under local anesthesia for herniation of the nucleus pulposus in the cervical region. Another advantage is that the increased venous filling that the g-suit creates decreases the possibility of air embolism during operations with the patient in this position.

The suit is useful also in operations with the patient in the supine position, when hypotension is to be induced either by drugs, by spinal anesthesia, or by bleeding (fig. 4). In this position, if the operating table is tilted so that the head is elevated, the hypotensive methods are more effective; and, in case the mark is overshot, the fall in blood pressure may be countered by inflating the g-suit. Inflation of the suit has proved helpful when, toward the end of an operation, it is desired to raise the blood pressure tem-

porarily in order to determine whether hemostasis will be satisfactory when the effect of the hypotensive drug has been dissipated.

In a search of the literature for medical applications of the g-suit principle, it was discovered that Crile described a pneumatic suit in 1903.[4] His suit was constructed of a double layer of specially made rub-

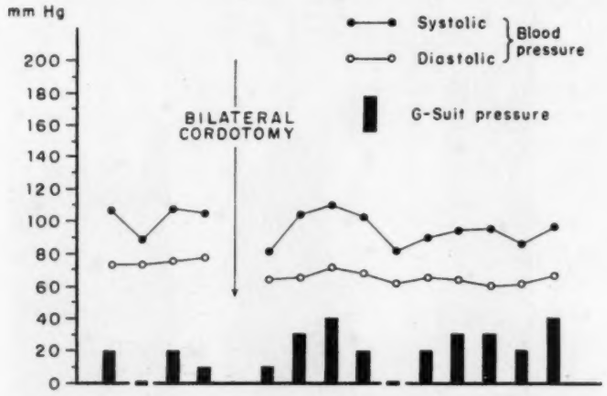

Fig. 3.—Blood pressure levels of patient with postural hypotension during cordotomy, with patient in sitting position.

ber, and, when put on the patient and inflated by means of a bicycle pump, it exerted a uniform pressure upon the surface of the body and extremities. It constituted, in Crile's words, "an artificial peripheral resistance." The suit was used for the purpose of maintaining the blood pressure during operations on the head and neck with the patient in the semisitting position. He described the effect of the suit in restoring the blood pressure in several cases of serious blood loss during operations, but its use was plagued with technical failures because of the tendency for the

Fig. 4.—G-suit on patient in horizontal position.

suit to "spring a leak." In 1909, Crile[5] described a dramatic response in a case of hemorrhagic shock in these words:

A cut-throat patient was admitted to the wards of Lakeside Hospital, exsanguinated and pulseless. Saline infusion and stimulants had been given in maximum amounts during twelve hours, but the circulation always relapsed, and at the time of the application of the rubber suit the pulse was barely perceptible, the respiration gasping, and the patient unconscious. On applying firm pneumatic pressure up to the costal borders the pulse became immediately better, the blood pressure rising to 110 mm. of mercury, and consciousness was regained. The suit was worn for twelve hours, when the condition had sufficiently improved to warrant a gradual decompression. Recovery followed.

This work of Crile's probably represents the earliest application of the principle of the modern aviation antigravity suit. It appears likely that Crile gave it up because of technical difficulties when improved methods made transfusion a safe procedure. We have recently seen two striking examples of the effectiveness of this principle in the treatment of hemorrhagic shock. Because of the multiplicity of factors involved in these cases, they will be described in a separate communication.

Summary

The principle of the antigravity suit (g-suit) used in aviation is effective in combating postural hypotension during operations with the patient in the sitting position. It is also helpful in the management of induced hypotension during operations with the patient in the supine position. A simplified g-suit, consisting of a plastic bladder, may be wrapped about the lower part of the body and inflated from a tank of gas. Crile applied this principle to the control of blood pressure during surgery more than 50 years ago.

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Use of Digitalis Before Surgery.—Digitalis is frequently used prophylactically in patients known to have paroxysms of cardiac arrhythmias. Thus it is well to digitalize an elderly patient in preparation for surgery if such a patient should give a history of previous bouts of auricular fibrillation or flutter. Patients with mitral stenosis in whom surgery is indicated should receive digitalis prior to surgery because of the high incidence of supraventricular arrhythmias during the operation or the post-operative period. On the other hand, the use of digitalis to prevent heart failure in individuals who have no signs of failure but merely enlarged hearts is not recommended because there are no physiologic data to support it. Many investigators over the years have repeatedly shown that cardiac output of both normal individuals and those with cardiomegaly is either unchanged or decreased upon digitalization. In fact, in some cases the decrease was up to 50 per cent. In addition, physiologic studies failed to show a change in venous pressure, mean auricular pressure, or right ventricular pressure. As Harvey has pointed out, these studies do not answer the question of prophylactic digitalization. The information which would be pertinent is the manner in which digitalization increases cardiac output under stress of exercise or operation. At present such information is not available.—T. Koppanyi, Ph.D., and J. J. Leonard, M.D., Cardiac Glycosides, *Medical Annals of the District of Columbia*, April, 1956.

GRADUATE MEDICAL EDUCATION IN THE UNITED STATES

ANNUAL REPORT AND DIRECTORY OF APPROVED INTERNSHIPS AND RESIDENCIES IN THE UNITED STATES; ANNUAL REPORT ON APPROVED TECHNICAL SCHOOLS IN THE UNITED STATES, AND RÉSUMÉ OF CHANGES IN THE REQUIREMENTS OF EXAMINING BOARDS IN THE MEDICAL SPECIALTIES PREPARED BY THE COUNCIL ON MEDICAL EDUCATION AND HOSPITALS OF THE AMERICAN MEDICAL ASSOCIATION

Arthur N. Springall, M.D., John Hinman, M.D., and Willard V. Thompson, M.D.

ANNUAL REPORT

The Council on Medical Education and Hospitals presents this 30th Annual Report on Internships and Residencies, which consists of statistical data and other information on training programs for interns and residents conducted in hospitals approved by the Council. All hospitals listed are located in the continental United States or in its territories and possessions (the Canal Zone, Hawaii, and Puerto Rico). The report is composed of descriptive material; statistical tables and graphs; information on the National Intern Matching Program, the Internship Review Committee, the revised "Essentials of an Approved Internship," the Residency Review Committees, and the Sears Roebuck Foundation; a brief report on foreign medical school graduates serving internships and residencies in approved hospitals; and the plan for future evaluation of the qualifications of foreign physicians who wish to come to this country for further medical training.

Each hospital approved for intern and/or resident training furnished detailed information regarding its training programs, and the material presented is based on this submitted information. The statistical data in the tables represent the intern and resident situations as of Sept. 1, 1955. Consequently, these figures are in some instances at variance with those presented in the lists of approved services, as the latter refer to appointments for the year beginning July 1, 1957.

Specially arranged lists of hospitals offering approved internships and residencies are published following the report. The first listing of hospitals includes those approved for the training of interns, listed according to location. As in previous years, information also includes the number of hospital beds, the number of annual admissions, the autopsy rate, the length of the program, the stipend, and the number and types of intern positions offered. A subsequent classification lists these hospitals according to types of internships.

In the residency section, the hospitals approved for resident training are listed according to medical specialties, giving statistical data, names of chiefs of services and additional pertinent information similar to that included in the internship section. Following this listing, hospitals approved for resident training are listed by state and city, giving the specialties for which each is approved.

Miss Mary A. McGovern and Mrs. Helen Neitzel were responsible for much of the detail work in the preparation of the list of approved internships and residencies and the staff of the Bureau of Economic Research were responsible for the IBM statistical tabulations.

This Annual Report and the lists referred to are reprinted as the Directory of Approved Internships and Residencies. The Council will furnish copies of this directory upon request.

The Council acknowledges the cooperation and assistance of medical staffs and hospital administrators, who have made the publication of this report possible by furnishing the statistical data on which it is based. The following organizations collaborated in approving residency programs:

Advisory Board for Medical Specialties
American Academy of General Practice
American Board of Anesthesiology
American Board of Dermatology
American Board of Internal Medicine
  Subspecialty Board on Allergy
  Subspecialty Board on Cardiovascular Disease
  Subspecialty Board on Gastroenterology
  Subspecialty Board on Pulmonary Diseases
American Board of Neurological Surgery
American Board of Obstetrics and Gynecology
American Board of Ophthalmology
American Board of Orthopedic Surgery
American Board of Otolaryngology
American Board of Pathology
American Board of Pediatrics
  Subspecialty Board on Allergy
American Board of Physical Medicine and Rehabilitation
American Board of Plastic Surgery
American Board of Preventive Medicine
American Board of Proctology
American Board of Psychiatry and Neurology
American Board of Radiology
American Board of Surgery
American Board of Urology
Board of Thoracic Surgery
American College of Physicians
American College of Surgeons

The Annual Report furnishes information on medical education at the internship and residency levels to medical students, medical educators, hospital administrators, and the entire medical profession. It is hoped that this information will also be of assistance to physicians beginning their professional careers who desire to further their medical education.

INTERNSHIPS

The number of hospitals approved for intern training and the number of approved internships are indicated in table 1. There were 867 approved hospitals offering 11,616 positions for the intern year beginning July 1, 1955, as compared with 850 approved hospitals

and 11,048 positions for the previous year, representing an increase of 17 hospitals (2%) and 568 internships (5%). The increase in the number of approved hospitals for the past 10 years is 14% (103 hospitals) and 3,077 internships (35%). Last year, the average number of interns per hospital was 12.9, as compared with the present figure of 13.3.

Hospitals outside the continental United States that are approved for intern training are represented by one in the Canal Zone; four in Hawaii; and seven in Puerto Rico.

In 1956, there were 6,845 graduates of approved American medical schools. When this figure is compared with the number of intern positions offered, there is a disparity of about 4,500 between the number of approved internships and the number of American graduates available to fill these positions. As stated later in this report, almost half of these vacancies were filled by graduates of foreign medical schools on Sept. 1, 1955. The number of vacant internships for the reported year is comparable to the number reported for the previous year, as indicated later in this report.

TABLE 1.—*Approved Hospitals and Internships, 1947-1956*

Yr. of Publication	No. of Hospitals	No. of Internships*
1947	764	8,539
1948	807	9,118
1949	807	9,124
1950	799	9,398
1951	828	10,044
1952	865	11,467
1953	856	11,006
1954	844	10,624
1955	850	11,048
1956	867	11,616

*U. S. Army and U. S. Navy hospitals and those outside the United States not included in 1947 figures.

Since the Council published its first list of approved hospitals in 1914, there has been an increase of 44% in the number of approved hospitals and an increase of 275% in the number of approved internships.

Internships, by Type of Service

Table 2 gives a breakdown of approved internships by type of service, including the number and the percentage reported filled and vacant on Sept. 1, 1955. The total number of internships offered was 11,616. The total number of approved hospitals was 867; these hospitals offered 1,080 approved intern training programs. For the past three years, the percentage of rotating, straight, and mixed internships offered has not varied appreciably, with 89% rotating, 10% straight, and 1% mixed (fig. 1). Rotating services include both rotating general and rotating with emphasis on a particular service. Straight internships include straight service assignments to internal medicine, surgery, pediatrics, obstetrics-gynecology, and pathology. Mixed internships include services on which assignments are made to two or three of the four major services.

There is a slight increase (1%) in the over-all number of intern positions filled this year as compared to last year. Rotating internships were 83% filled on Sept. 1, 1955, straight internships 83%, and mixed internships 84%. These figures do not vary greatly from those quoted for the preceding year. Intern positions in obstetrics-gynecology increased from 40% to 60%, those in pathology from 57% to 64%. The number of vacant internships increased from 1,982 for the previous year to 2,013 for 1955. The number of filled positions increased from 9,066 (1954) to 9,603 (1955). The increased number of internships filled is attributed to an

TABLE 2.—*Number of Internships, by Type of Service, 1955-1956*

Type of Internship	No. of Approved Programs	No. of Internships: Filled Sept. 1, 1955	No. of Internships: Vacant Sept. 1, 1955	No. of Internships: Percentage Filled
Rotating general	813	8,303	1,766	83
Other rotating	29	63	26	71
Totals	842	8,426	1,792	83
Mixed	25	114	21	84
Straight				
Internal medicine	73	563	62	90
Surgery	64	318	78	80
Pediatrics	44	129	28	82
Obstetrics-gynecology	8	21	14	60
Pathology	24	32	18	64
Totals	213	1,063	200	83
Grand totals	1,080*	9,603	2,013	83

* Number of intern-training programs in 867 approved hospitals.

increase of foreign medical school graduates serving as interns, including both foreign medical school graduates having temporary visas and those having permanent visas.

In the revised "Essentials of an Approved Internship," adopted by the House of Delegates on Dec. 1, 1955, straight internships in pathology were continued. Approval for straight internships in obstetrics-gynecology has been discontinued, effective June 30, 1957. Two resolutions were introduced into the House of Delegates at the June, 1956, Annual Session in Chicago

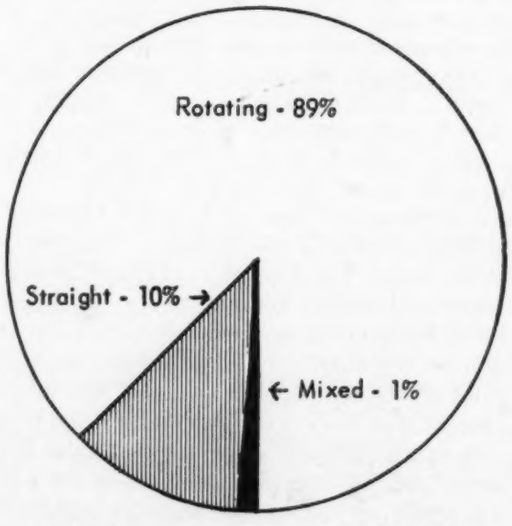

Fig. 1. Types of approved internships, 1953-1956.

favoring the rotating internship. The Reference Committee on Medical Education and Hospitals made the following report concerning these resolutions:

The Reference Committee believes that there is a growing body of opinion within the profession in favor of a rotating internship. It also recognizes the difficulties involved and the dangers to some established education programs were action taken precipitously to disapprove straight internships, which are about 10% of the total number now approved. It recommends the following substitute resolution for resolutions 11 and 38:

"*Resolved*, 1. That the Council on Medical Education and Hospitals be requested to increase its efforts to encourage rotating internships rather than straight internships in all hospitals approved for the latter.

"2. That a report of the results of this effort be submitted annually."

This portion of the report of the Reference Committee was adopted by the House of Delegates. The problem of the straight internship is not one that can be solved easily. It will require careful analysis and study over a period of time by medical educators, hospital administrators, and the professional staffs of hospitals.

Internships, by Type of Hospital Control

In table 3 the distribution of internships according to hospital control is indicated. Federal hospitals offered 603 (5%) of the 11,616 approved internships; nonfederal governmental hospitals offered 3,591 (31%) of the available internships; nongovernmental institutions offered 7,350 (63%) positions; and 72 internships (less than 1%) were offered by proprietary hospitals.

TABLE 3.—*Number of Internships, by Type of Hospital Control, 1955-1956*

Control	No. of Approved Hospitals	No. of Internships: Filled Sept. 1, 1955	No. of Internships: Vacant Sept. 1, 1955	No. of Internships: Percentage Filled
Federal				
U. S. Army	7	187	...	100
U. S. Navy	17	176	...	100
U. S. Public Health Service	7	84	1	99
Veterans Administration	7	55	44	55
Other federal	3	48	8	86
Totals	41	550	53	93
Governmental (nonfederal)				
State	27	783	67	92
County	35	864	53	94
City	53	1,317	149	89
City-county	16	316	42	88
Totals	131	3,280	311	91
Nongovernmental				
Church operated and related	304	2,244	768	74
Nonprofit corporations	380	3,469	869	79
Totals	684	5,713	1,637	78
Proprietary				
Partnership	2	16	...	100
Corporations unrestricted as to profit	9	44	12	79
Totals	11	60	12	83
Grand totals	867	9,603	2,013	83

The group of federal hospitals had the highest occupancy rate for interns, 93%, on Sept. 1, 1955. The Army hospitals and the Navy hospitals had a full complement, and the Public Health Service had a 99% occupancy rate. The nonfederal governmental hospitals had 91% of their positions filled; county hospitals had the highest rate in this group, 94%. The rate for the nongovernmental hospitals was 78% and for the proprietary hospitals was 79%.

The federal hospitals showed an increase in occupancy rate of 4% over the rate for the previous year. There was a 1% increase for the nonfederal governmental hospitals and an increase of 12% for the proprietary hospitals. The rate for the nongovernmental hospitals remained at the same figure as quoted for 1954.

The average number of internships filled for federal hospitals was 13.4 per hospital; for nonfederal governmental hospitals, 25.0; for nongovernmental hospitals, 8.4; and for proprietary hospitals 5.5. The average numbers of intern positions offered per hospital, considering all hospitals, was 13.3; the average number of interns on duty per hospital was 11.1.

In 1953, 8,275 internships were filled (78%); in 1954, 9,066 positions were filled (82%); and in 1955, 9,603 positions were filled (83%).

Internships, by Medical School Affiliation and Bed Capacity

The classification of hospitals into the categories of "major teaching," "minor teaching," and "nonaffiliated" is used in this report and in the following list of approved internships. These classifications are based on the degree to which medical schools utilize the hospitals for undergraduate medical education. A "major teaching" hospital is considered by the school as being a major unit in its undergraduate clinical clerkship program. A "minor teaching" hospital is one that is utilized to a limited extent for undergraduate instruction. A "nonaffiliated" hospital is one that is not designated by a medical school as participating in such a program. Based on this classification, a statistical analysis of approved internships is presented in table 4.

TABLE 4.—*Number of Internships, by Medical School Affiliation and Bed Capacity, 1955-1956*

Classification	No. of Approved Hospitals	No. of Internships: Filled Sept. 1, 1955	No. of Internships: Vacant Sept. 1, 1955	No. of Internships: Percentage Filled
Nonaffiliated				
Less than 200 beds	167	753	214	78
200-299	258	1,651	561	75
300-499	178	1,803	452	80
500-over	51	952	132	88
Totals	654	5,159	1,359	79
Major teaching				
Less than 200 beds	11	77	40	66
200-299	19	227	54	81
300-499	52	869	131	87
500-over	65	2,591	236	92
Totals	147	3,794	461	89
Minor teaching				
Less than 200 beds	13	41	29	59
200-299	22	156	65	71
300-499	21	237	67	78
500-over	10	216	32	89
Totals	66	650	193	77
Grand totals	867	9,603	2,013	83

Major teaching hospitals (147) constituted 17% of the approved hospitals for the past year and offered 4,255 internships with an occupancy rate of 89%. Minor teaching hospitals (66), 8% of the approved hospitals, offered 843 internships, of which number 77% were filled. Nonaffiliated hospitals (654) were 75% of the total number of approved hospitals; 79% of the 6,518 positions offered by this group were filled on Sept. 1, 1955.

The rate of occupancy for approved hospitals was highest in the major teaching group, the rate being 89%. This figure was 4% higher than that for last year. The rates for the minor teaching and nonaffiliated hospitals were 77% and 79% respectively.

A study of the occupancy rate for these three groups of hospitals indicates that there is a definite trend for the larger hospitals to have a higher occupancy rate

than the smaller hospitals. The combined occupancy rate for hospitals of less than 200 beds in all groups was 76%; that for hospitals of 500 beds or more in all groups was 90%. The trend in all three groups of hospitals in these classifications was that, as the size of the hospital increased, the occupancy rate increased.

Internships, by Census Region and State

A breakdown by states and regions of the internships filled and vacant on Sept. 1, 1955, is shown in table 5. As compared with the regional figures for positions occupied with those of last year, there is no great change for any region. The highest regional figure for occupany was in those hospitals outside the continental United States, the Canal Zone, Hawaii, and Puerto Rico, which had 96% of their intern positions filled. In the United States, the Pacific region with 87% again had the highest rate, although the New England and the Middle Atlantic regions had rates of 86% and 85% respectively. The lowest rate occurred in the East South Central region, the rate being 73%, a slight increase over last year's rate. Individual states having 90% occupancy or better were South Carolina, Connecticut, Vermont, Ohio, New York, New Jersey, District of Columbia, Louisiana, Arizona, Washington, Canal Zone (100%), Hawaii, and Puerto Rico. States with rates below 50% were North Dakota and Montana.

As could be expected from a study of the population of the United States, one-fourth of the approved hospitals are located in New York, New Jersey, and Pennsylvania. One-fourth of the filled internships occur in these states. Pennsylvania ranks lowest in rate of occupancy for the Middle Atlantic states, with 71%. As indicated previously, the occupancy rate for internships shows a 1% increase over last year. On Sept. 1, 1955, no approved internships were offered in Idaho, New Mexico, Nevada, and Wyoming.

Internship Stipends

There has been an increase in the average monthly cash stipend paid the intern in both affiliated and nonaffiliated hospitals. The average monthly stipend paid by the affiliated hospital for 1954 was $87; the figure for 1955 is $121, an increase of $34. For 1954, the stipend paid by the nonaffiliated hospital was $136, as compared with $169 for 1955.

Eighty-five per cent of the affiliated hospitals furnish full maintenance in addition to the stipend; 15% offer partial maintenance; 60% give additional perquisites such as uniforms and bonuses. Only three hospitals do not pay a cash stipend.

In the group of nonaffiliated hospitals, 88% furnish full maintenance, 10% partial maintenance. Twenty-one hospitals do not offer maintenance; more than half of the hospitals in this group reported additional perquisites for the interns. (All federal hospitals have been excluded from data regarding stipends.)

Figure 2 compares the range of stipends paid by affiliated and nonaffiliated hospitals. Although the average stipend paid by the affiliated hospital is $38 less than that paid by the nonaffiliated hospital, the occu-

TABLE 5.—*Number of Internships, by Census Region and State, 1955-1956*

Census Region and State	No. Approved Hospitals	No. of Internships: Filled Sept. 1, 1955	No. of Internships: Vacant Sept. 1, 1955	No. of Internships: Percentage Filled
New England				
Maine	4	26	4	87
New Hampshire	1	12	2	86
Vermont	2	21	2	91
Massachusetts	36	325	61	84
Rhode Island	7	48	16	75
Connecticut	21	181	13	93
Totals	71	613	98	86
Middle Atlantic				
New York	106	1,583	161	91
New Jersey	41	368	37	91
Pennsylvania	79	664	273	71
Totals	226	2,615	471	85
East North Central				
Ohio	51	641	65	91
Indiana	17	101	90	53
Illinois	61	696	128	84
Michigan	37	437	135	76
Wisconsin	22	170	43	80
Totals	188	2,045	461	81
West North Central				
Minnesota	14	178	32	85
Iowa	11	71	20	78
Missouri	25	302	116	72
North Dakota	4	9	13	41
South Dakota	3	17	4	81
Nebraska	9	36	31	54
Kansas	7	67	25	73
Totals	73	680	241	74
South Atlantic				
Delaware	3	26	7	79
Maryland	21	255	48	84
District of Columbia	12	182	21	90
Virginia	19	177	29	86
West Virginia	8	50	14	78
North Carolina	15	129	63	67
South Carolina	7	100	5	95
Georgia	12	132	35	82
Florida	13	137	22	86
Totals	110	1,188	244	83
East South Central				
Kentucky	9	74	29	73
Tennessee	15	184	61	75
Alabama	9	73	24	76
Mississippi	3	17	13	57
Totals	36	348	127	73
West South Central				
Arkansas	4	40	24	62
Louisiana	10	227	21	91
Oklahoma	7	63	21	75
Texas	27	340	93	79
Totals	48	670	159	81
Mountain				
Montana	3	4	7	37
Colorado	12	129	16	89
Arizona	6	56	6	90
Utah	7	55	21	72
Totals	28	244	50	83
Pacific				
Washington	15	174	13	93
Oregon	7	64	25	72
California	53	800	117	87
Totals	75	1,038	155	87
Territories and Possessions				
Canal Zone	1	18	..	100
Hawaii	4	65	2	97
Puerto Rico	7	79	5	94
Totals	12	162	7	96
Grand Totals	867	9,603	2,013	83

pancy rate for the former was about 10% higher than for the latter. From this fact, it is logical to conclude that financial consideration is not the decisive factor in choosing an internship. The letters FM and PM following the stipend quoted in the list of approved internships refer to "full maintenance" and "partial maintenance."

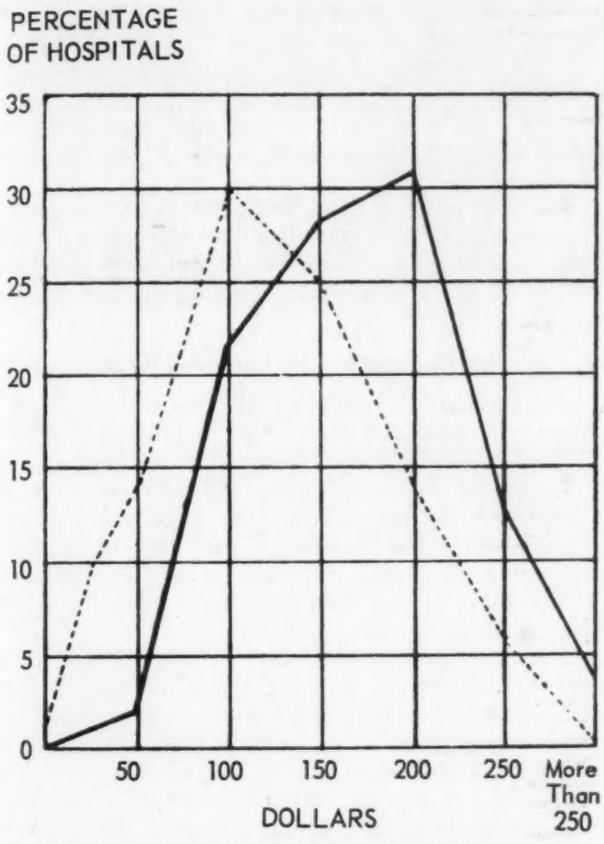

Fig. 2. Monthly internship stipends, with federal hospitals excluded. Solid line indicates nonaffiliated hospitals (206), dashed line affiliated hospitals (200). Abscissa gives upper level of stipend range.

Autopsy Rates

It is a specific requirement for internship approval that hospitals maintain a minimum autopsy rate on hospital deaths of 25%. If an approved hospital does not maintain a 25% rate for two consecutive years, approval may be withdrawn. The autopsy rate is considered an accurate index of the interest of the medical staff and the hospital administration in scientific medical progress. Hospitals that consistently maintain a high autopsy rate display a sincere interest in medical education.

Table 6 lists the 20 federal hospitals and the 20 nonfederal hospitals conducting internships during the past year that had the highest autopsy rates for the reported period (1955). These hospitals are to be commended for their excellent work in this connection.

Fifteen hospitals (2%) had autopsy rates of less than the required 25%. These hospitals have been advised of their failure to meet the requirement and will be required to raise the rate for the next reporting period in order to qualify for continued approval.

National Intern Matching Program

The National Intern Matching Program has completed five years of successful operation as the agency through which medical school graduates receive appointments as interns in hospitals approved for such training by the Council on Medical Education and Hospitals. The primary function of the Program is to serve as a central clearing agency for medical students and hospitals; its aim is to provide an orderly method for giving effect to students' preferences regarding hospitals and hospitals' choice of students in the appointment of interns. This mechanical plan of matching interns and hospitals has proved more efficient than any other plan previously used and gives complete freedom of choice to both students and hospitals.

The policies under which the program operates are determined by organizations interested in internships. In addition to the Council on Medical Education and Hospitals, these organizations are the American Hospital Association, the Association of American Medical Colleges, the American Protestant Hospital Association, the Catholic Hospital Association, and the Student American Medical Association. The policy-making body of the National Intern Matching Program is composed of representatives from these groups, liaison representatives from the Federal Services, and a student representative.

Hospitals eligible to participate in the program must be approved by the Council on Medical Education and Hospitals. Students eligible to join the program are those seeking first-year internships in these hospitals. Each student is provided with a Directory of Participating

TABLE 6.—*Internship Hospitals with Highest Autopsy Rates, 1955*

	Federal	
1.	U. S. Naval Hospital, Corona, Calif.	97
2.	U. S. Naval Hospital, Jacksonville, Fla.	97
3.	U. S. Naval Hospital, Bremerton, Wash.	96
4.	U. S. Naval Hospital, Oceanside, Calif.	95
5.	Letterman Army Hospital, San Francisco	94
6.	Fitzsimons Army Hospital, Denver	94
7.	Walter Reed Army Hospital, Washington, D. C.	94
8.	U. S. Naval Hospital, Bethesda, Md.	93
9.	U. S. Naval Hospital, Portsmouth, Va.	93
10.	Veterans Administration Center, Los Angeles	87
11.	Brooke Army Hospital, Fort Sam Houston, San Antonio, Texas	87
12.	U. S. Naval Hospital, San Diego, Calif.	86
13.	Veterans Administration Hospital, Oklahoma City	86
14.	U. S. Naval Hospital, Great Lakes, Ill.	85
15.	U. S. Naval Hospital, Oakland, Calif.	84
16.	U. S. Naval Hospital, Philadelphia	83
17.	Tripler Army Hospital, Honolulu, Hawaii	83
18.	U. S. Naval Hospital, Chelsea, Mass.	82
19.	Veterans Administration Hospital, Long Beach, Calif.	81
20.	Valley Forge Army Hospital, Phoenixville, Pa.	81
	Nonfederal	
1.	Childrens Hospital, Los Angeles	93
2.	Colorado General Hospital, Denver	90
3.	University of Illinois Research and Educational Hospitals, Chicago	90
4.	Milwaukee Children's Hospital, Milwaukee	89
5.	Rochester General Hospital, Rochester, N. Y.	85
6.	University of Minnesota Hospitals, Minneapolis	83
7.	Salt Lake County General Hospital, Salt Lake City	83
8.	Mary Fletcher Hospital, Burlington, Vt.	82
9.	St. Louis Children's Hospital, St. Louis	81
10.	University of Nebraska Hospital, Omaha	81
11.	Children's Hospital, Buffalo	81
12.	University Hospital, Madison, Wis.	81
13.	Mary Hitchcock Memorial Hospital, Hanover, N. H.	80
14.	University of Chicago Clinics, Chicago	79
15.	St. Joseph Mercy Hospital, Ann Arbor, Mich.	79
16.	Long Island Jewish Hospital, New Hyde Park, N. Y.	79
17.	University of California Hospital, San Francisco	78
18.	Evanston Hospital, Evanston, Ill.	78
19.	Peter Bent Brigham Hospital, Boston	78
20.	Children's Medical Center, Boston	77

pating Hospitals, and each hospital receives a Directory of Participating Students. Students apply where they wish, to as many hospitals as they desire. Hospitals are free to interview any participating student and use their own interview and evaluation techniques. Upon completion of interview, each student submits to the Program office a ranking list showing the hospitals to which he has applied in order of preference. Hospitals also submit ranking lists of students who have applied to them. These lists, together with the intern quotas for each hospital, form the basis of the matching operation. Hospitals are matched with those students ranked highest on their list to the limit of their quota, unless those students prefer another hospital which also has given them a high ranking. Thus each student receives the highest choice hospital on his list that has a place for him. It is the individual responsibility of student and hospital to determine what will be acceptable to them prior to submitting ranking lists. The Program covers internships beginning between April 1 and Dec. 31. Lists are received by the National Intern Matching Program in January; the actual matching begins in February; and results are announced the middle of March.

Participation in the fifth program, completed in March 1956, included 98% of all hospitals approved by the Council and 97% of all United States medical school seniors. Of the 6,821 students in the program, 6,588 (97%) were matched. Of the 233 unmatched students, more than 100 applied to only one or two hospitals, thereby reducing their chances of being matched. Of the students matched, 74% received their first choice, 15% their second choice, 6% their third choice, and 5% their fourth choice or lower.

There were 11,459 positions offered by the 821 participating hospitals; 17% of these hospitals completely filled their quotas, 53% partially filled them, and 30% of these hospitals had no interns matched to them.

During the past year, hospital and student participation was at the highest level in the history of the program. Indications are that participation in the Program for 1957-1958 will equal and probably surpass previous years.

Internship Review Committee

The Internship Review Committee was established in 1954 and is composed of representatives of organizations concerned with and interested in intern training programs. In addition to the representatives of the Council on Medical Education and Hospitals, there is a representative from the Association of American Medical Colleges; the American Hospital Association; the Federation of State Medical Boards of the United States; and the American Academy of General Practice.

The purposes of the Committee are (1) to review reports of surveys of intern training programs and make recommendation to the Council for approval or disapproval; (2) to recommend to the Council such revisions of the requirements for intern education as are considered appropriate; and (3) to recommend to the Council such revisions in policy concerning all aspects of intern education as are considered appropriate.

In its period of operation, the Committee has become increasingly aware of the necessity for reasonable flexibility in the interpretation of the requirements for internship approval and of the advisability of giving a hospital an opportunity to bring its deficient program of training up to standard before approval is withdrawn. When a hospital does not measure up to the requirements for approval, it is warned that its approved status is in jeopardy and advised regarding the specific corrections that should be made. Sufficient time for correction of these deficiencies is permitted before approval is actually withdrawn. This policy serves to emphasize the consultant attitude of the Committee and of the Council in respect to training programs.

The Committee is functioning effectively and is filling a real need in its work. It is currently doing a great deal to maintain and improve the standards of intern education and is continually working toward this objective.

Revised Essentials of an Approved Internship

The House of Delegates adopted the revised "Essentials of an Approved Internship" as presented by the Council on Dec. 1, 1955. This revision incorporated the changes and recommendations made by the Ad Hoc Committee on Internships. The principal changes made were 1. The "one-fourth rule" will be applied. 2. Straight internships in pathology will be approved. 3. Stress was placed upon the educational function of the internship as being primary.

The "one-fourth rule" states: "A hospital which for two successive years does not obtain one-fourth of its stated complement of interns may be disapproved for intern training." Early in January, 1956, a copy of the revised Essentials was sent to the Administrator and to the Chairman of the Intern Committee in each hospital approved for the training of interns; attention was called to the "one-fourth rule" in the covering letter. In May, 1956, the following interpretation was given by the Council staff to this rule:

1. All interns serving in a hospital are considered in computing the percentage of quota filled; this includes graduates of both American and foreign medical schools.

2. The percentage of the quota filled will be calculated on the basis of (*a*) the quota published in the 1955 Internship and Residency Number of THE JOURNAL, (*b*) the number of interns on duty on Sept. 1, 1956, as reported by the hospital. (Similar statistics will furnish the basis for computing the percentage of quota filled in following years.)

3. If an approved hospital fails to meet the requirements of the "one-fourth rule," a letter of warning will be sent to the hospital the first year; if it does not fill the required percentage for two successive years, approval may be withdrawn.

4. Intern quotas may be changed upon written request to the Council.

5 Application of the "one-fourth rule" will obtain beginning in January, 1958. Any approved hospital that does not fill one-fourth of its intern quota for the two successive years 1956-1957 and 1957-1958 may have its internship approval removed at that time.

In the revised Essentials it is specifically pointed out that if the primary function of the internship is not educational, approval is in jeopardy.

Interns and Residents from Foreign Countries

The Institute of International Education conducted a survey in September, 1955, of foreign medical school graduates serving internships and residencies in hospitals approved for this training by the Council on Medical Education and Hospitals.[1] These foreign physicians came from 84 countries and were nonimmigrants, expecting to return to their own countries on completion of their medical training.

There were 6,033 foreign physicians reported by McCormack and Feraru [1] in this study serving as members of the house staffs of approved hospitals, an increase of 20% over the figures determined in a similar survey in September, 1954. Of this number, 1,859 were interns and 4,174 were residents. The six countries having the largest representation were: the Philippine Islands, 1,065; Canada, 584; Mexico, 489; Germany, 364; Turkey, 320; and Italy, 260. These six countries were listed in the same order in last year's survey.

One-fourth (1,533) of these foreign physicians were located in New York. There were 485 in Ohio; 415 in Pennsylvania; 398 in New Jersey; 371 in Massachusetts; and 359 in Illinois. The two largest groups receiving resident training were in general medicine and general surgery; obstetrics-gynecology and pathology ranked third and fourth, respectively, in numbers.

The present policy of the Council is that graduates of foreign medical schools may be appointed to the intern and resident staff of a hospital without jeopardizing the approved status of the hospital. However, following the adoption of the report of the Cooperating Committee on Evaluation of Graduates of Foreign Medical Schools by the House of Delegates at the Annual Session in June, 1956, in Chicago, plans are now being crystallized for evaluation of foreign physicians coming to the United States to serve internships and residencies. The proposed program of evaluation is outlined in the Report of the Council on Medical Education and Hospitals.[2] The emphasis in this program is placed on the evaluation of the medical qualifications of the individual foreign-trained physician who wishes to come to the United States. The program is designed to establish two principal criteria in regard to each foreign-trained physician: (1) that he is a graduate of a bona fide medical school; and (2) that, as nearly as can be measured, he has reached a level of educational attainment comparable to that of students in American schools at the time of graduation. These criteria are to be established by evaluation of the physician's medical credentials in view of predetermined minimal standards and examination of the physician for factual knowledge of medicine.

It is believed that implementation of this proposed program will afford hospitals needed assurance in regard to the medical qualifications of foreign-trained physicians seeking positions as interns and residents. It is anticipated that this program will be in effect in one year.

THE SEARS ROEBUCK FOUNDATION

Physicians completing their graduate training and who may require financial assistance in initiating the establishment of medical practice units in areas considered medically deficient will be interested in investigating the program financed by the Sears Roebuck Foundation. This Foundation has made two grants of $125,000 to a revolving assistance fund administered by a Medical Advisory Board appointed by the Trustees of the American Medical Association. These grants are dispersed by the Board in the form of 10-year, nonsecured, supplemental loans ranging from $1,000 to $25,000. Interest ranges from zero to 6%, depending on the rapidity of payment. All loans are designed to make up the difference between what can be raised through normal lending agencies and the total amount needed. All funds collected in the form of interest and principal go into the revolving fund, thereby making the program self-perpetuating and providing the "seed" principal of growth and expansion at the same time. It is estimated that, within 10 years, this fund will amount to over $2,000,000 because of this growth factor, which will do much to meet the needs of medical distribution.

The purpose of the plan is to encourage physicians to locate in communities where their services are most urgently needed. Because of the limited funds available at this time, all loans are competitive, thereby insuring that loans reach communities and physicians with the greatest need. Preference is given to physicians—specialists or general practitioners—who desire to go to rural or rapidly growing suburban areas where medical care in inadequate.

All applications are reviewed by the territorial or area Medical Advisory Board members, where they are approved or rejected. If approved, they are then presented to the entire Board, where all applications approved by the various area Advisory Boards are reviewed and final decisions made. The Board reviews applications on the following grounds:

1. Professional qualifications.
2. Availability and quality of medical service in the community. (Loans are intended primarily to create units, but consideration is also given to improving and expanding existing units.)
3. Soundness of the plan for providing medical care.
4. Financial initiative of applicant, thus insuring that loans are supplemental.
5. No loan will be granted for the purpose of refinancing existing debt or to be used for cost of living while establishing practice.

This statement regarding the Sears Roebuck Foundation is presented in this issue of THE JOURNAL for the information of medical school and hospital administrators, officials of local and state medical societies, and others whose advice is sought by young physicians in regard to sources of financial assistance. Physicians interested in applying for the Sears Roebuck assistance should contact their school, hospital, or county or state medical society for applications and more detailed information.

RESIDENCIES

Residency training in the United States continues to expand. The Council now approves residencies in 30 specialties and subspecialties, aviation medicine having been added in the past year. These programs are conducted in 1,202 general or special hospitals. Residency Review Committees, composed of representatives of the Council and the appropriate American Board, have been organized in dermatology, neurological surgery, ophthalmology, orthopedic surgery, pediatrics, physical medicine, preventive medicine, proctology, psychiatry, radiology, and urology. Residency Review Committees in surgery, plastic surgery, and otolaryngology include representatives of the American College of Surgeons, and the American College of Physicians is represented on the Committee for internal medicine. In four specialties, anesthesiology, obstetrics-gynecology, pathology, and thoracic surgery, the Council approved programs in concurrence with the board concerned with each organization taking unilateral action.

The following section of the report presents statistical data on the number of residencies by type of hospital control and by bed capacities of the hospital in which the training is conducted. The number of residencies filled and vacant represent the situation as of Sept. 1, 1955. The total number of residency appointments available increased from 25,486 reported last year to 26,516 this year, an increase of 4.5%. The number of residents serving rose from 20,494 to 21,425, also about 4.5%. The percentage of residencies filled was 81%, or almost exactly the same as it had been for the two years immediately preceding. These figures seem to indicate that although the number of residency positions increased the rate of increase was smaller than that of the previous year, when 1,858 positions were added, an increase of 8%.

TABLE 7.—*Number of Residencies, by Specialty, 1955-1956*

Specialty	No. of Approved Programs	No. of Residencies: 1st-Yr. Appointments: Filled Sept. 1, 1955	1st-Yr. Appointments: Vacant Sept. 1, 1955	1st-Yr. Appointments: Percentage Filled	Total Appointments (All Yr.): Filled Sept. 1, 1955	Total Appointments (All Yr.): Vacant Sept. 1, 1955	Total Appointments (All Yr.): Percentage Filled
Allergy	21	16	4	80.0	26	9	74.3
Anesthesiology	205	448	92	83.0	912	186	83.1
Cardiovascular disease	36	37	9	80.4	64	17	79.0
Contagious disease	5	6	1	85.7	9	1	90.0
Dermatology-syphilology	77	86	18	82.7	244	38	86.5
Gastroenterology	29	18	4	81.8	51	12	81.0
General practice	168	374	138	73.0	444	194	69.6
Internal medicine	609	1,818	382	82.6	4,016	925	81.3
Malignant disease	9	14	4	77.8	22	7	75.9
Neurological surgery	96	70	21	76.9	266	44	85.8
Neurology	96	102	50	67.1	206	110	65.2
Obstetrics	49	82	8	91.1	122	10	92.4
Gynecology	11	13	2	86.7	43	2	95.6
Obstetrics-gynecology	406	763	76	90.9	1,847	197	90.4
Occupational medicine	1	.....	1	0.0	.....	2	0.0
Ophthalmology	165	203	40	83.5	529	89	85.6
Orthopedic surgery*	210	227	38	85.7	711	105	87.1
Orthopedic surgery†	39	26	15	63.4	70	37	65.4
Orthopedic surgery‡	14	9	2	81.8	21	6	77.8
Otolaryngology	119	129	43	75.0	327	108	75.2
Pathology	574	568	279	67.1	1,269	697	64.5
Pediatrics	265	637	101	86.3	1,294	198	86.7
Physical medicine	57	29	51	36.2	76	99	43.4
Plastic surgery	37	33	9	78.6	75	16	82.4
Proctology	13	5	5	50.0	19	10	65.5
Psychiatry	279	759	333	70.0	1,950	746	72.3
Pulmonary diseases	102	164	74	68.9	227	96	70.3
Radiology	411	462	202	69.6	1,192	431	73.4
Surgery A§	529	1,536	197	89.6	4,551	464	90.7
Surgery B‖	119	165	54	75.3	210	81	72.2
Thoracic surgery	71	64	10	86.5	145	17	89.5
Urology	221	142	60	70.3	487	137	78.0
Totals	5,043	9,005	2,323	79.5	21,425	5,091	80.8

* Full training including children's orthopedics.
† Full training without children's orthopedics.
‡ Less than full training.
§ Surgery A includes programs leading to certification by the American Board of Surgery.
‖ Surgery B includes programs approved as offering training in general surgery in preparation for a residency in a surgical specialty.

Number of Residencies, by Specialties

Table 7 presents a breakdown by specialties of the number of approved programs, the number of first-year appointments filled and vacant as of Sept. 1, 1955, and the total number of appointments filled and vacant for the same date. There were 5,043 separate residency programs conducted last year, and they offered a total of 26,516 appointments, including 11,328 at the first-year level.

The number of hospitals approved for training varied from one offering training in occupational medicine to 609 offering training in internal medicine. Eight specialties—internal medicine, obstetrics and gynecology, pathology, pediatrics, psychiatry, radiology, and surgery—accounted for more than three-fourths of all residencies offered, with 20,245 positions out of a total of 26,516. There were less than 100 appointments in each of the following specialties: allergy, 35; cardiovascular disease, 81; contagious disease, 10; gastroenterology, 63; malignant diseases, 29; plastic surgery, 91; proctology, 29; occupational medicine, 2.

The percentage range of first-year residencies filled varied from 36.2% of those in physical medicine to 91.1% of those in obstetrics. Similarly, for appointments at all levels, the percentage filled in physical medicine was the lowest, 43.4%, while those in straight gynecology had the highest occupancy rate, 95.6%.

Of those specialties constituting the majority of residencies offered, pathology, as last year, showed the lowest occupancy rate for all years 64.5% (first-year through fourth-year appointments), while surgery showed the highest, 90.7%. Specialties in which more than 25% of residencies were vacant included the following: allergy, general practice, neurology, pathology, physical medicine, proctology, psychiatry, and pulmonary disease. It should be noted that a relatively high number of appointments were offered in both pathology and psychiatry.

The percentage of first-year positions filled, 79.5%, was approximately the same as those filled at all levels, 80.8%.

In summary, the increase of residency appointments, both absolute and percentage-wise, was less in 1955-1956 than in 1954-1955, and the percentages of occupancy at all levels remained approximately the same.

Residencies, by Type of Hospital Control

A breakdown of residency appointment by type of hospital control is presented in table 8. Residency programs were offered in 120 federal hospitals, 315 other governmental (nonfederal) hospitals, 737 nongovernment institutions, and 30 proprietary hospitals. The total number of residency appointments was about

equally divided between governmental and nongovernmental hospitals, with those in the former category offering 13,108 residencies and those in the latter, 13,408.

The Veterans Administration accounted for about three-fourths of the total, with 3,067 residency positions offered out of 4,065 for all federal hospitals. The occupancy rate for all federal hospitals, including the Veterans Administration, was 73.2%, slightly below that for the nation as a whole. Comparable figures for last year showed 72% of residencies in federal hospitals filled, and 80% for all hospitals. Considering appointments in all categories, the occupancy rate varied from 53.8% in United States Air Force hospitals to 87.3% in city-controlled hospitals. Since only three hospitals, offering only 20 programs with 89 available positions, are included in the category "other federal," it does not seem statistically sound to compare the percentage of positions filled, 94.4%, with those of the larger groups of government hospitals. Considering appointments in all categories, the occupancy rate varied from 56% in United States Army hospitals to 87.3% in city-controlled institutions. If first-year appointments only are considered, the disparity in occupancy rates between federal and all other hospitals is even more marked. The United States Army reported 56% of their first-year appointments filled, the United States Navy 60%, the United States Air Force 60%, the Veterans Administration 67.7%, the United States Public Health Service 92.1%, and other federal hospitals 90.3%. The rates for other governmental (nonfederal) hospitals did not vary so widely, ranging from 80.3% for state-controlled institutions to 86.1% for those that were county-controlled. The total number of residencies offered by federal institutions did not change appreciably, although there was a slight decrease, with a slight increase in occupancy rate.

TABLE 8.—*Number of Residencies, by Type of Hospital Control, 1955-1956*

Control	No. of Approved Hospitals	No. of Approved Programs	No. of Residencies: First-Yr. Appointments: Filled Sept. 1, 1955	First-Yr. Appointments: Vacant Sept. 1, 1955	First-Yr. Appointments: Percentage Filled	Total Appointments (All Yr.): Filled Sept. 1, 1955	Total Appointments (All Yr.): Vacant Sept. 1, 1955	Total Appointments (All Yr.): Percentage Filled
Federal								
U. S. Air Force	3	5	6	4	60.0	7	6	53.8
U. S. Army	12	84	98	77	56.0	285	220	56.4
U. S. Navy	8	75	75	50	60.0	150	117	56.2
U. S. Public Health Service	8	32	35	3	92.1	98	26	79.0
Veterans Administration	86	502	787	375	67.7	2,353	714	76.7
Other federal	3	20	28	3	90.3	84	5	94.4
Totals	120	718	1,029	512	66.8	2,977	1,088	73.2
Governmental (Nonfederal)								
State	150	533	1,354	332	80.3	3,457	759	82.0
County	63	282	630	102	86.1	1,343	236	85.1
City	75	446	1,118	189	85.5	2,496	302	87.3
City-county	13	72	105	23	82.0	241	49	83.1
Hospital district	5	23	41	8	83.7	81	19	81.0
Totals	315	1,356	3,248	654	83.2	7,618	1,425	84.2
Nongovernmental Nonprofit								
Church operated and church related	267	985	1,364	409	76.9	3,154	906	77.7
Other nonprofit	470	1,935	3,310	727	82.0	7,571	1,633	82.3
Totals	737	2,920	4,674	1,136	80.4	10,725	2,536	80.9
Proprietary								
Individual	3	5	2	2	50.0	5	3	62.5
Partnership	4	9	10	4	71.4	18	6	75.0
Corporation	23	35	42	15	73.7	82	33	71.3
Totals	30	49	54	21	72.0	105	42	71.4
Grand totals	1,202	5,043	9,005	2,323	79.5	21,425	5,091	80.8

TABLE 9.—*Number of Residencies, by Bed Capacity, 1955-1956*

Classification	No. of Approved Hospitals	No. of Approved Programs	No. of Residencies: First-Yr. Appointments: Filled Sept. 1, 1955	First-Yr. Appointments: Vacant Sept. 1, 1955	First-Yr. Appointments: Percentage Filled	Total Appointments (All Yr.): Filled Sept. 1, 1955	Total Appointments (All Yr.): Vacant Sept. 1, 1955	Total Appointments (All Yr.): Percentage Filled
Less than 25 beds	1	2	2	2	50.0	6	6	50.0
25-49	21	25	18	12	60.0	51	19	72.9
50-99	57	61	118	17	87.4	252	52	82.9
100-199	217	417	653	164	79.9	1,308	303	81.2
200-299	309	1,016	1,317	390	77.2	2,783	771	78.3
300-499	300	1,680	2,435	685	78.0	5,691	1,517	79.0
500-over	293	1,823	4,407	1,044	80.8	11,205	2,348	82.7
Other	4	19	55	9	85.9	129	75	63.2
Grand totals	1,202	5,043	9,005	2,323	79.5	21,425	5,091	80.8

Number of Residencies, by Hospital Bed Capacities

Excluding hospitals of less than 100 beds, the hospitals offering residency training are, roughly speaking, about equally divided into four categories: 100 to 199 bed capacity, 200 to 299, 300 to 499, and over 500 beds (table 9). The number of residencies in these hospi-

tals, however, varied greatly, with those of 100 to 199 beds offering 1,611 positions, or approximately 6% of the total, and those with over 500 beds having 13,553 positions, or 52% of the total. Hospitals with 200 to 299 and 300 to 499 beds offered an additional 10,762 residencies, or 40% of the total. Hospitals of less than 100 beds and programs in institutions of undesignated bed capacities accounted for the remaining 2%.

Hospitals of less than 100 beds are usually of special type, providing services in one or two specialties, often for only one or two years. They include hospitals for children's orthopedic surgery; eye, ear, nose, and throat; obstetrics; pediatrics; special fields of psychiatry; and similar specialized fields. In these hospitals the admission rate approximates that for a service in a larger general hospital.

While the average number of residencies per hospital may not be too important, it is of some significance in considering the distribution of residents. The averages are as follows: 100 to 199 beds, 7.4 residents per hospital; 200 to 299 beds, 11.5 residents; 300 to 499 beds, 24 residents; and 500 and over, 46 residents per hospital. Since the total number of beds for all hospitals in each category has not been computed, the average number per resident cannot be accurately given. Using the mean number of beds for each category, however, it can be estimated that the number of beds per resident varies from 17 in the 300 to 499 group to 22 in 200 to 299 category. A further variable in considering these rough estimates is, of course, the specialty itself; the number of beds that would be adequate for an obstetric service, for example, would be insufficient to support a program in orthopedic surgery.

On the basis of these incomplete data it appears that the number of residencies is generally in proportion to the size of the hospital. This generalization does not, of course, eliminate the possibility that in individual hospitals the resident may be "overloaded" or the hospital may have a disproportionately large resident staff. It does show, however, that there is, on the average, a reasonable number of beds per resident in the majority of hospitals approved for residency training.

RÉSUMÉ

This report on internships and residencies has presented factual information concerning internships and residencies in hospitals approved by the Council, including an analysis of nine statistical tables and two graphs. Information is also given on the activities of the review committees for internships and residencies; the National Intern Matching Program; the Essentials of an Approved Internship; stipends for interns; autopsy rates; and a brief review of the situation regarding house staff positions occupied by foreign medical school graduates and plans for evaluation of their qualifications. A short statement is included regarding the Sears Roebuck Foundation.

On Sept. 1, 1955, 6,123 intern and resident training programs were sponsored by 1,373 hospitals. Of this total number of hospitals, 171 were approved for the training of interns only, 506 were approved for the training of residents only, and 696 were approved for the training of both interns and residents. Since 1954, there has been an increase of 5% in the number of internships offered, from 11,048 to 11,616. During the same period, there has been a similar increase of 4% in the number of approved residencies, from 25,486 to 26,516.

The percentage of intern positions filled was 83%, as compared with 82% for the year 1954. The occupancy rate for residencies was 81%, as compared with 80% for the previous year. On Sept. 1, 1955, there were 9,603 interns and 21,425 residents on duty in hospitals approved by the Council, a total of 31,028 interns and residents. Fourteen per cent of American physicians are serving as interns and residents in approved hospitals.

It is pointed out that, although the problem of evaluating the qualifications of foreign medical school graduates is presently of great importance, the plan for evaluation of the foreign physician coming to this country for further medical training is expected to become effective within a period of one year. It is anticipated that this program, when in operation, will accomplish much toward the solution of the problems of foreign-trained physicians.

The lists of approved internships and residencies are up to date as of Sept. 1, 1956. It is the sincere hope of the Council that this report will be of value and assistance to those interested in medical education at the internship and residency levels.

ANNUAL REPORT ON APPROVED TECHNICAL SCHOOLS

Medical Record Librarians

Background.—In 1942, the American Association of Medical Record Librarians requested the American Medical Association to evaluate educational programs in medical record library science. The Council formulated standards that were adopted by the House of Delegates of the American Medical Association in June, 1943. Subsequent revisions in standards were made in 1945 and 1949. The first list of 10 approved schools was published in 1944.

With the work done in close collaboration with the committee on education and registration and the education director of the American Association of Medical Record Librarians, who conducts periodic surveys, training programs and new applications are reviewed and recommendatory action is submitted to the Council for final action on approval.

Significant studies in medical record library science to assist the continued development of the field have been initiated during the past year by the American Association of Medical Record Librarians.

Present Status.—At the present time there are 29 schools approved for training medical record librarians, or an increase of 4 schools since Oct. 8, 1955. The 134 students enrolled in the senior class of degree programs and in certificate programs in 1955 represented a total of 19 more students than were in training the previous year. The training capacity of the schools inceased 12% to a total of 269 students during the same one-year period. Similarly, the number of graduates during 1955 was 134, which represents an encouraging increase of almost 18% over 1954.

Depending upon the students' previous education, both degree and certificate recognition are available following satisfactory completion of the required educational program in medical record library science. Among the 20 certificate programs of one year's duration, 15 require two years of college or an R.N. degree, one accepts only students with two years of college, and 4 require a degree prior to admission. Nine schools offer a four-year educational program that lead to a degree and admit qualified high school graduates. In addition there are two degree programs of 12 months' duration that admit qualified students who have completed three years of preparatory college education. Since two schools offer both degree and certificate courses, there are 20 certificates and 11 degree courses available in the 29 approved schools. Only three schools are not conducted by or in affiliation with a college or university.

The beginning dates for courses are predominately in September, several begin in the winter, and a few in June or July. Tuition ranges from $125 to $600, and one school requires none.

Application for approval should be made to the Council on Medical Education and Hospitals of the American Medical Association, 535 N. Dearborn St., Chicago 10. Inquiries regarding the registration of qualified medical record librarians should be addressed to the American Association of Medical Record Librarians, 510 N. Dearborn St., Chicago 10.

Medical Record Technicians

Background.—To alleviate the acute shortage of trained personnel in medical record library science, the American Association of Medical Record Librarians recommended that consideration be given to the establishment of additional training programs for students directly out of high school. In cooperation with the committee on education and registration of the American Association of Medical Record Librarians, the Council developed standards that were approved by the House of Delegates of the American Medical Association in December, 1953. These standards are prepared for the training of the medical record technician who, working under the supervision of a qualified medical record librarian or a medical record committee, performs the technical tasks associated with the maintenance and custody of medical records.

As in the case of schools for medical record librarians, the Council evaluates educational programs and new applications and surveys schools in close collaboration with the American Association of Medical Record Librarians. The training of medical record technicians should be conducted in acceptable general hospitals having a minimum of 4,000 annual admissions. These admissions should include an adequate distribution of patients in the various clinical services commonly found in general hospitals. Candidates for admission to an approved school should be proficient in typing and preferably also in shorthand. They should have completed the requirements for high school graduation or should have passed a college entrance examination for admission to an accredited college or university. The minimum length of training is nine months and should include theoretical instruction in anatomy, medical terminology, and medical records, with additional practical training in admitting and discharge procedures, indexing, preparation of reports, and other activities associated with the medical record department.

Present Status.—There are eight schools approved by the Council for training medical records technicians. These schools report a training capacity for 50 students with an enrollment of 35 in 1955. Qualified high school graduates are accepted for courses of from 9 to 12 months' duration. There were 28 graduates in 1955.

Application for approval should be made to the Council on Medical Education and Hospitals of the American Medical Association, 535 N. Dearborn St., Chicago 10. Special forms will be supplied for this purpose, and, when the required information has been received, the proposed training program will be reviewed in collaboration with the Committee on Education and Registration of the American Association of Medical Record Librarians. The institutions applying for Council approval will, in all instances, receive full information and every possible assistance in the planning and development of training programs in accordance with present standards. There continues to be an acute shortage of qualified medical record librarians and medical record technicians. Excellent opportunities exist for graduating students. Inquiries on career opportunities and the registration of qualified medical record personnel should be addressed to the American Association of Medical Record Librarians, 510 North Dearborn St., Chicago 10.

Medical Technologists

Background.—In 1928 the American Society of Clinical Pathologists established its board of registry of medical technologists in an effort to elevate educational standards for medical technologists. Realizing the need for survey visits to schools, the society requested the Council on Medical Education and Hospitals of the American Medical Association to aid in the study of training programs in 1933. Essentials of an acceptable school were formulated by the Council with the cooperation of the society and ratified by the House of Delegates of the American Medical Association in May, 1936. The first list of 96 schools approved by the Council was published in THE JOURNAL on August 29, 1936.

In its efforts to assist hospitals in the development of training programs, the Council has continuously cooperated with the American Society of Clinical Pathologists, the board of schools of medical technology, and the board of registry of the society. The board of schools was established by the society in 1949 to serve in an advisory capacity to the Council in matters relating to standards and the evaluation of educational programs. Revisions of the standards occurred in 1941, 1943, 1947, 1949, and 1953. In 1956, the requirement for training in electrocardiographic technique was deleted from the curriculum in the "Essentials of an Acceptable School of Medical Technology." The Board and Council encourage that such training be continued when the pathologist-director considers it advisable.

The board of schools assists the Council in the evaluation of new applications and annual reevaluations of approved schools. A survey program is carried out by regional surveyors appointed by the board of schools. These pathologists visit all new schools and, in addition, periodically revisit approved schools. An extensive resurvey of existing educational program is actively in progress by pathologists appointed by the Board who make an invaluable contribution to the program in experience and time. The recommendations of the Board on new applications and existing schools of medical technology are submitted to the Council for its consideration.

Present Status.—There are 618 schools presently approved by the Council, or an increase of 4% over the 593 approved as of Oct. 8, 1955. This is a net increase of 25 training programs, representing 36 newly approved schools and 11 that have been discontinued or disapproved. The 1955 student enrollment has risen 17% to 2,790, as compared with the 2,384 reported for 1954. The occupancy rate in 1955 was 62% in programs having a training capacity for 4,532 students. The number of graduates continues to increase. There were 1,956 in 1954 and 2,078 in 1955. It should be noted that the increases in student enrollment, occupancy rate, and number of graduates reflects the concerted recruitment efforts of the many persons associated with the College of American Pathologists, American Society of Clinical Pathologists, American Society of Medical Technologists, and the National Committee for Careers in Medical Technology, sponsored by these organizations, as well as the recruitment activities of the faculties of approved schools and affiliated colleges and universities.

The admission requirement to an approved school of medical technology is two years of college education, including certain required courses, in a college or university accredited by a recognized association. Eighty-one per cent or 500 training programs base admission on this minimum requirement; 71 (11%) require three years of preclinical college education; and 47, or 8%, require a degree for admission.

There has been an increase in the number of hospital schools that have affiliated with colleges and universities. Such affiliations are encouraged, since they assist in the development of well-organized training programs suitably integrated with the college curriculum and also serve as a continuing source of students. A total of 423 hospital schools (68%) have established college or university affiliations. College credit is granted for the hospital training in 385 schools. If properly integrated, a degree is available upon competion of three years of college education and one year of hospital training. While the preparatory collegiate education is longer in duration, it is the hospital course that is directly concerned with the technical training of medical technologists. The hospital should assume full responsibility for the 12-month course. Active liaison with the college is recommended through regularly scheduled meetings of a jointly constituted advisory or coordinating committee. At present only 45% of schools so coordinate.

The minimum duration of the hospital course acceptable for approval is 12 months. There are now 542 schools, or 88%, providing a course of 12 months' duration. The remaining 76 schools (12%) offer programs of from 12½ to 36 months.

Tuition is required by 157 (25%) and a minimal breakage fee by 79, or 13%, of the schools. Students receive a stipend in 256 (43%). Room and board are offered in 171 (28%), board, often consisting of lunches only, in 142 (24%), and 3 schools offer room only. The remaining 297 (48%) offer neither room nor board.

There were eight states in which schools graduated 75 or more students in 1955. Table 10 presents some aspects of the educational activity in the schools of these eight states, arranged in order of number of schools.

All states, the District of Columbia, the Canal Zone, Hawaii, and Puerto Rico have approved schools.

Application for approval of a school for the training of medical technologists should be made to the Council on Medical Education and Hospitals of the American Medical Association, 535 N. Dearborn St., Chicago 10. Forms will be supplied for this purpose on request and should be completed by the director of the laboratory requesting this approval. Inquiries regarding the registration of qualified medical technologists should be addressed to the Board of Registry of Medical Technologists, 611 W. Howard St., Post Office Box 1209, Muncie, Ind.

TABLE 10.—*Educational Activity in Schools of Eight States Graduating Seventy-Five or More Students in 1955*

State	Schools	No. Enrollment	Capacity	Graduates
Pennsylvania	50	188	373	151
Ohio	43	200	350	132
Michigan	34	161	267	101
Illinois	34	133	204	93
New York	33	117	219	109
Texas	29	151	278	105
California	28	172	205	141
Wisconsin	19	108	128	99
Subtotal	265	1,230	2,024	931
Grand total, all states	618	2,790	4,532	2,079
% grand total	43	44	45	45

Occupational Therapists

Background.—In 1933, the American Occupational Therapy Association requested the House of Delegates of the American Medical Association to undertake a survey of educational programs for occupational therapists. The Board of Trustees instructed the Council on Medical Education and Hospitals to develop standards and survey existing schools. The "Essentials of an Acceptable School of Occupational Therapy" were first published in THE JOURNAL, May 4, 1935. The first list of six approved schools appeared in 1938. The Essentials were revised in 1938 and 1949 in cooperation with the advisory groups to the Council on Medical Education and Hospitals at that time.

These groups were the Council on Physical Medicine and Rehabilitation of the American Medical Association and the American Occupational Therapy Association. In 1955, the Council on Physical Medicine and Rehabilitation became the Council on Medical Physics, and, although close liaison continues, it no longer functions in an advisory capacity on occupational therapy educational matters. New applications are reviewed by physician advisory groups and the American Occupational Therapy Association, surveys

are conducted, and recommendatory action is submitted to the Council on Medical Education and Hospitals for action.

Increased attention is being given to procedures for more frequent periodic reevaluation of existing educational programs. Joint physician-therapist survey teams are being planned in close cooperation with the American Occupational Therapy Association to assure continuing liaison with the schools. The American Occupational Therapy Association, with the assistance of other organizations, has foresightedly initiated conferences and basic studies with which to better plan for the needed expansion in the field.

Present Status.—There are currently 30 schools approved by the Council for training occupational therapists. Since the U. S. Army occupational therapy course has been put on a stand-by basis and is not listed as an active program, there were 29 schools accepting students in 1955. All data are based on reports from the 29 active schools. These institutions reported 1955 enrollments as follows: senior class degree (460); postdegree certificate (134); nondegree certificate (5); master's degree (19); and 477 students in their clinical year. Student capacity for these several courses is 731 for the senior class degree, 235 for the postdegree and nondegree certificate, approximately 72 for the master's degree, and not limited in the clinical year. It is encouraging to note that the total enrollment of 618 and a student capacity of more than 1,038, exclusive of the clinical year, reflect gradual but continuing increases in the number of students in training and the training potential of these 29 approved schools. Graduates numbered 551 as compared with 489 in 1954 which continues the upward trend over the past several years. It should be noted that three schools in the process of reorganization or organized within the past several years reported no graduates but can be expected to graduate students in the near future.

Both certificate and degree recognition are available in occupational therapy, depending upon the type and integration of the student's preparatory collegiate training prior to his entering the professional curriculum. Certificate programs, generally of 18-24 months' duration, are offered by 19 schools that, in all but one instance, require a degree for admission. Educational programs of four to five years that lead to a degree are available in 23 schools that will admit qualified high school graduates. Four schools offer degree programs of approximately two years' duration to qualified applicants with two years of preparatory collegiate education. Interested undergraduate students are encouraged to contact individual schools, however, to determine the specific requirements of a given school for admission to its certificate or degree course in occupational therapy. Tuition varies in accord with university fees. The majority of courses begin in February and September.

Application by schools for approval of an educational program in occupational therapy should be made to the Council on Medical Education and Hospitals of the American Medical Association, 535 N. Dearborn St., Chicago 10. Forms will be supplied for this purpose on request. They should be completed by the administrator of the institution requesting approval. Inquiries regarding career opportunities in the field of occupational therapy and the registration of qualified therapists should be addressed to the American Occupational Therapy Association, 250 W. 57th St., New York 19.

Physical Therapists

Background.—From 1928 to 1936 the approval of educational programs in this field was sponsored by the American Physical Therapy Association. On request of that association, the Council developed standards that were adopted by the House of Delegates and published with the first list of approved schools in 1936. The Council, in cooperation with its advisory groups, the Council on Physical Medicine and Rehabilitation of the American Medical Association and the American Physical Therapy Association, has periodically submitted revised standards to the House of Delegates, which were adopted in 1943, 1949, and 1955. The most recent revision is the result of four years of intensive discussion and study. In 1955, the Council on Physical Medicine and Rehabilitation became the Council on Medical Physics, with which there continues close liaison on matters pertaining to physical therapy but which no longer functions in an advisory capacity on physical therapy education. Applications of new schools are reviewed in collaboration with two groups, the recently appointed Advisory Committee on Physical Therapy Education of the Council on Medical Education and Hospitals, and the American Physical Therapy Association. The Advisory Committee on Physical Therapy Education consists of nine physician members representing the fields of physical medicine and rehabilitation, orthopedic surgery, psychiatry and neurology, internal medicine, pediatrics, general surgery, and medical education. In addition, there are three physical therapists, two nominated by the American Physical Therapy Association and one nominated by the American Registry of Physical Therapists. Surveys of new and existing schools are conducted by joint physician-therapist teams and recommendatory action submitted by the advisory groups to the Council for action. Active liaison with the medical directors, therapist educational administrators, and other members of the teaching faculties in approved schools is being implemented through more frequent periodic surveys.

Present Status.—There are. at present, 37 schools approved by the Council for training physical therapists, or an additional two schools since Oct. 8, 1955. The student training capacity for the senior class of degree programs and in certificate programs was 1,068 on the basis of 1955 annual reports. In addition, there was an estimated training capacity for at least 86 master's degree students. The 1955 enrollment for senior degree and certificate students was 748 students, or 70% occupancy. Intensive recruitment continues the upward trend in enrollment noted over the past several years. The number of degree and certificate graduates has increased significantly to 710, as compared to 609 in 1954. Unfortunately, data are not available on the increasing number of graduates in the master's degree programs offered in nine schools.

Certificate and/or degree recognition in physical therapy is available depending upon the students' preparatory education prior to entering the professional curriculum. Most schools offer both degree and certificate programs, although seven offer only the certificate program and seven others only the degree program.

Certificate programs in 30 schools vary in length from 12 to 34 months and admit students with two or more years of college or those who have graduated from a nationally accredited school of nursing after a three-year course. Many of the 30 degree programs of four years' duration admit qualified students directly out of high school. Degree recognition in physical therapy is offered to qualified students with two to three years of collegiate education upon satisfactory completion of degree programs of shorter duration. Since admission requirements vary in individual schools, interested high school students and those with two or more years of college or who have graduated from a nationally accredited professional school of nursing should contact the individual school of their choice for specific requirements. The tuition in all teaching centers closely parallels college fees. Most courses begin in February or early fall.

Application for approval should be made to the Council on Medical Education and Hospitals of the American Medical Association, 535 N. Dearborn St., Chicago 10. Forms will be supplied for this purpose on request. They should be completed by the administrator of the institution requesting this approval. Inquiries regarding voluntary registration of qualified therapists should be addressed to the American Registry of Physical Therapists, 30 N. Michigan Ave., Chicago 2. Information on requirements for state registration or licensure is available from the Board of Examiners of the states concerned. Inquiries regarding careers in the field of physical therapy should be addressed to the American Physical Therapy Association, 1790 Broadway, New York 19.

X-Ray Technicians

Background.—Prior to 1944, the approval of schools of x-ray technology had been carried on as a function of the American Registry of X-Ray Technicians. In 1943, the Council on Medical Education and Hospitals of the American Medical Association undertook the evaluation of educational programs for x-ray technicians at the request of the registry, which is sponsored by the American College of Radiology and the American Society of X-Ray Technicians. With the assistance of the college and the registry, standards were developed and adopted by the House of Delegates of the American Medical Association in June, 1944, and December, 1955. The most recent revision of the standards has been developed in close cooperation with the advisory groups and incorporates a suggested basic curriculum, which is presented as a guide. Particularly encouraged is progressive training in therapy to afford students at least one month's practical experience intramurally or through affiliation.

The Council has been ably assisted by the American College of Radiology, the American Registry of X-Ray Technicians, and the American Society of X-Ray Technicians. Schools making application for approval are surveyed by state and regional councilors appointed by the American College of Radiology. Approved schools are also periodically resurveyed by radiologists appointed by the college, and these radiologists are currently revisiting approved schools. Their generous contribution of time and experience are a major asset in the program. All data are reviewed by the advisory committee to the American Society of X-Ray Technicians of the American College of Radiology and recommendations submitted to the Council for consideration.

Present Status.—At present there are 456 schools approved by the Council on Medical Education and Hospitals for training x-ray technicians. This represents a net increase of 34 schools, or an increase of 8% over the number approved as of Oct. 8, 1955. There has been a 307% increase in the number of approved schools since the first published list of 112 in 1945. Enrollment has increased 302, or 12%, to a total of 2,915 students during the last year, in which total training capacity has risen to 3,555 from 3,184, or an increase of 11%. The number of graduates in 1955 was 1,822 as compared with 1,523 in 1945, a 20% increase.

The minimum admission requirement is high school graduation or the passing of a standard equivalency test. A total of 433 schools (95%) admit students directly out of high school, 13 schools (3%) require one year of college, 9 schools (2%) require two years of college, and one school accepts only R.N.'s. Of the above 456 schools, 3 will accept an applicant with either an R.N. or two years of college and, as noted, one school accepts R.N.'s only.

The length of training in 241 (53%) is 24 months, 12 months in 144 (32%), 18 months in 69, or 15%, and 36 months in two schools. Tuition is required by 172 (38%) of approved schools and 60% pay students a stipend. There are collegiate affiliations established in 168 schools (37%). College credit is granted for training satisfactorily completed in the hospital training program in 14%, or 66 schools.

There are 40 approved schools in Illinois, 34 in Pennsylvania, 29 in Ohio, 25 in Texas, 24 in California, 21 in Michigan, 20 in New York, 19 in Missouri, 18 in Massachusetts, 16 each in Minnesota and Wisconsin, and 12 or fewer in all but one of the remaining states, the District of Columbia, and Hawaii. One state does not have a school.

Applications for approval of schools of x-ray technology should be submitted to the Council on Medical Education and Hospitals of the American Medical Association, 535 N. Dearborn St., Chicago 10. Inquiries regarding registration of qualified x-ray technicians should be addressed to the American Registry of X-Ray Technicians, Metropolitan Building, Minneapolis 1.

References

1. McCormack, J. E., and Feraru, A.: Alien Interns and Residents in the United States, 1955-1956, J. A. M. A. **161**: 322-324 (May 26) 1956.

2. Report of the Council on Medical Education and Hospitals, Organization Section, J. A. M. A. **161**: 159-161 (May 12) 1956.

APPROVED INTERNSHIPS

Council on Medical Education and Hospitals of the American Medical Association
535 North Dearborn Street, Chicago 10

Revised to September 1, 1956

HOSPITALS, 862, INTERNSHIPS, 12,013

The following general hospitals, investigated and approved by the Council on Medical Education and Hospitals, are considered in position to furnish acceptable intern training in accordance with standards adopted by the American Medical Association. Three types of internships are approved by the Council—rotating, mixed, and straight:

1. A rotating internship is defined as one that provides supervised experience in internal medicine, surgery, pediatrics, obstetrics, and their related subspecialties, together with experience in laboratory and radiologic diagnosis.

2. A mixed internship is defined as one that provides supervised experience in two or more, but not in all, of the clinical divisions named.

3. A straight internship is defined as one that provides supervised experience in a single department, although it may include limited opportunity for work in a related subspecialty. Straight internships are now approved in internal medicine, surgery, pediatrics and pathology.

Hospitals approved for internships that are used by medical schools for undergraduate clinical clerkships on inpatient services have been identified in the following lists by the symbols X and x. Hospitals have been identified with symbol X when a medical school has indicated that the hospital is a major unit in the school's teaching program. Hospitals have been identified with the symbol x when a medical school has indicated that the hospital is used to a limited extent in the school's teaching program. Certain internships in hospitals designated as teaching hospitals may not provide for assignments to teaching services. Other internships may provide for only a portion of the internship period being spent on teaching services. Prospective interns desiring specific information concerning internship assignments to teaching services in a hospital are advised to communicate with the dean of the medical school with which the hospital is affiliated. Medical school affiliations are indicated by footnotes 10 to 89 placed immediately after the symbol X or x. The list of medical schools appears on page 312. The plus (+) sign indicates additional approval for residencies in specialties, as shown in the Council's list of Approved Residencies and Fellowships. The beginning stipends for Federal hospitals have not been listed; they are established in accordance with government pay tables. When applying for internships in Air Force, Army, Navy or Public Health Service hospitals, applications should be directed to the medical departments of the Air Force, Army, Navy, or the United States Public Health Service and not to the individual hospitals. Although applications are made to the service rather than to the individual hospitals, all of the services ask students to list three hospitals in order of preference. Every possible effort is made to place successful candidates in accordance with their desires. Because of the needs of the service it should be understood that students may, in some instances, be assigned to other hospitals than those for which they have indicated a preference.

Hospitals listed below (pages 291 to 311) make first year internship appointments through the National Intern Matching Program, Inc. The number and type of internships as listed represent appointments for the intern year 1957-1958.

FEDERAL

Name of Hospital and Location	Control	Total Beds	Number of Patients Admitted	Outpatient Service	Autopsy Percentage	Length of Program (Months)	Affiliated Service	Beginning Stipend (Month)	Number and Type of Internships	Code Number
UNITED STATES ARMY—Hospitals, 8; Internships, 150										
Letterman Army Hospital +[1-4]-x15 Presidio, San Francisco	Fed	900	10,898	Req	94	12	No	...		
Fitzsimons Army Hospital +[1-4] Denver 8	Fed	1,250	9,315	Req	92	12	No	...		
Walter Reed Army Hospital +[1-4]-x19-20 (Army Medical Center) 6825 16th St., N. W., Washington 12, D. C.	Fed	1,250	13,748	Req	91	12	100	...		
Valley Forge Army Hospital +[1-4] Phoenixville, Pa.	Fed	1,000	6,319	Req	81	12	101	...	150 Rotating General Office of the Surgeon General, Department of the Army, Washington 25, D. C. Attn. Chief Personnel Division	00411
William Beaumont Army Hospital +[4] Hayes Ave., El Paso, Texas	Fed	800	12,654	Req	66	12	No	...		
Brooke Army Hospital +[1-3-4] Brooke Army Medical Center Fort Sam Houston, San Antonio, Texas	Fed	1,313	14,128	Req	87	12	No	...		
Madigan Army Hospital +[-4]-x86 Fort Lewis, Tacoma 9, Wash.	Fed	650	11,220	Req	74	12	No	...		
Tripler Army Hospital + Moanalua Gardens, Honolulu, T. H.	Fed	1,200	20,739	Req	83	12	No	...		
UNITED STATES AIR FORCE—Hospitals, 11; Internships, 84										
U. S. Air Force Hospital + Lackland Air Force Base San Antonio, Texas [50] of the above 84 Air Force internships are divided among the Army hospitals listed above.	Fed	900	12,716	Req	70	12	No	...	84 Rotating General Directorate of Staffing and Education, Office of the Surgeon General, Headquarters, U. S. Air Force, Washington 25, D. C.	00811
UNITED STATES NAVY—Hospitals, 17; Internships, 200										
U. S. Naval Hospital +[1-4] Corona, Calif.	Fed	800	12,245	Req	97	12	No	...		
U. S. Naval Hospital [1-3] Mare Island (Vallejo), Calif.	Fed	300	3,837	Req	67	12	No	...		
U. S. Naval Hospital +[1-4-5] 8750 Mountain Blvd., Oakland 14, Calif.	Fed	1,250	14,436	Req	84	12	No	...		
U. S. Naval Hospital [1] Camp Pendleton, Oceanside, Calif.	Fed	1,160	10,509	Req	95	12	No	...		
U. S. Naval Hospital +[1-4] Park Blvd., San Diego 34, Calif.	Fed	2,150	25,912	Req	86	12	No	...	200 Rotating General Bureau of Medicine and Surgery, Navy Department, Washington 25, D. C.	00211
U. S. Naval Hospital [1-3] Jacksonville 14, Fla.	Fed	492	7,347	Req	97	12	No	...		
U. S. Naval Hospital [1-3] Pensacola, Fla.	Fed	647	6,068	Req	53	12	No	...		
U. S. Naval Hospital +[1-3-4] Great Lakes, Ill.	Fed	850	12,603	Req	85	12	No	...		
U. S. Naval Hospital +[1-3]-x19 Rockville Pike, Bethesda 14, Md.	Fed	1,000	14,400	Req	90	12	No	...		
U. S. Naval Hospital +[1-3-4]-x38-40 Chelsea 50, Mass.	Fed	550	7,828	Req	82	12	No	...		

Hospitals designated with an asterisk (*) in this listing do not participate in the National Intern Matching Program, sponsored by the American Medical Association, the American Hospital Association, the Association of American Medical Colleges, and other cooperating organizations.
Abbreviations and other references will be found on pages 312 and 313.

FEDERAL—Continued

Name of Hospital and Location	Control	Total Beds	Number of Patients Admitted	Outpatient Service	Autopsy Percentage	Length of Program (Months)	Affiliated Service	Beginning Stipend (Month)	Number and Type of Internships	Code Number
UNITED STATES NAVY—Continued										
U. S. Naval Hospital ✦[1-4] Linden Blvd., St. Albans 25, N. Y.	Fed	1,225	10,809	Req	61	12	No	...		
U. S. Naval Hospital [1] Camp LeJeune, N. C.	Fed	750	10,443	Req	72	12	No	...		
U. S. Naval Hospital ✦[1-3-4] 17th and Pattison Ave., Philadelphia 45	Fed	1,000	10,984	Req	83	12	No	...	200 Rotating General	00211
U. S. Naval Hospital [1] 3rd and Cypress Sts., Newport, R. I.	Fed	567	6,737	Req	66	12	No	...	Bureau of Medicine and Surgery, Navy Department Washington 25, D. C.	
U. S. Naval Hospital [1-3] Charleston, S. C.	Fed	300	5,171	Req	47	12	No	...		
U. S. Naval Hospital ✦[1-3-4] Portsmouth, Va.	Fed	1,450	20,417	Req	90	12	No	...		
U. S. Naval Hospital [1-3] Naval Base, Bremerton, Wash.	Fed	330	4,333	Req	96	12	No	...		
UNITED STATES PUBLIC HEALTH SERVICE—Hospitals, 7; Internships, 80										
U. S. Public Health Service Hospital ✦[1-4-5] 15th Ave. and Lake St., San Francisco 18, Calif.	Fed	470	4,786	Req	69	12	102	...		
U. S. Public Health Service Hospital ✦[1-4-5] 210 State St., New Orleans 18, La.	Fed	393	4,724	Req	78	12	103	...		
U. S. Public Health Service Hospital ✦[1-4] 31st St. and Wyman Park Dr., Baltimore 11, Md.	Fed	360	4,585	Req	78	12	104	...	74 Rotating General 6 Mix. Med. Surg.	00111 00124
U. S. Public Health Service Hospital ✦[1-4-5] 77 Warren St., Boston 35, Mass.	Fed	268	3,188	Req	77	12	No	...	Public Health Service Hospitals, Public Health Service, Department of Health, Education and Welfare Washington 25, D. C. Attn. Chairman Committee on Residents and Interns	
U. S. Public Health Service Hospital ✦[1-4] Bay St. and Vanderbilt Ave., Staten Island 1, N. Y.	Fed	837	8,267	Req	72	12	105	...		
U. S. Public Health Service Hospital [1-4] Hampton Blvd., Norfolk 8, Va.	Fed	271	3,160	Req	62	12	106	...		
U. S. Public Health Service Hospital ✦[1-4]-**x86** 1131 14th Ave. S., Seattle 44, Wash.	Fed	352	4,345	Req	..	12	107	...		
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE—Hospitals, 2; Internships, 30										
Freedmen's Hospital ✦[1-3-4]-**X21** 6th and Bryant Sts., N. W., Washington 25, D. C.	Fed	485	8,491	Req	46	12	No	171FM	18 Rotating General	79811
Saint Elizabeths Hospital ✦[1-3-4]-**x19-20** 2600 Nichols Ave., S. E., Washington 20, D. C.	Fed	411	1,349	Req	50	12	108	233	12 Rotating General	80411
VETERANS ADMINISTRATION—Hospitals, 7; Internships, 106										
Veterans Administration Hospital ✦[1-3] 5901 E. 7th St., Long Beach 4, Calif.	Fed	1,600	9,967	Req	81	12	109	...	24 Rotating General 6 Straight Medicine	02811 02832
Veterans Administration Center ✦[1-3]-**X13** Wilshire and Sawtelle Blvds., Los Angeles 25, Calif.	Fed	1,221	15,050	None	87	12	110	...	24 Rotating General 6 Straight Medicine	03911 03932
Veterans Administration Hospital ✦[1-3]-**X23** 5998 Peachtree Rd., N. E., Atlanta 19, Ga.	Fed	300	4,552	Req	61	12	111	...	9 Straight Medicine	11732
Veterans Administration Hospital ✦[1-3]-**X66** 921 N. E. 13th St., Oklahoma City 4, Okla.	Fed	434	4,128	None	86	12	112	...	4 Straight Medicine	58932
Veterans Administration Hospital ✦[1-3]-**X79** 4500 S. Lancaster Rd., Dallas 2, Texas	Fed	347	3,303	Req	74	12	113	...	16 Straight Medicine	88732
Veterans Administration Hospital ✦[1-3]-**X79** McKinney, Texas	Fed	593	5,345	None	77	12	113	...	10 Straight Medicine	72032
Veterans Administration Hospital ✦**X82** 12th Ave. and E St., Salt Lake City 13	Fed	194	2,269	Req	77	12	114	...	3 Rotating General 4 Straight Medicine	73311 .....
NONFEDERAL										
ALABAMA—Hospitals, 9; Internships, 118										
Birmingham Baptist Hospital ✦[1] 708 Tuscaloosa Ave., Birmingham 11	Church	300	12,841	Req	44	12	115	200-250FM	10 Rotating General	90311
Carraway Methodist Hospital ✦[1-3] 2506 16th Ave. N., Birmingham 4	Church	240	10,094	Req	34	12	No	200FM	9 Rotating General	00611
St. Vincent's Hospital 2701 Ninth Ct. S., Birmingham 5	Church	200	7,397	Req	31	12	115	225-250FM	8 Rotating General	85111
South Highlands Infirmary [1-3] 1127 S. 12th St., Birmingham 5	Corp	158	5,818	Req	30	12	115	250PM	6 Rotating General	91911
University Hospital and Hillman Clinic ✦[1-4]-**X10** 619 S. 19th St., Birmingham 3	State	660	20,475	Req	43	12	116	100FM	36 Rotating General 12 Straight Medicine 3 Straight Pediatrics	00711 00732 00734
Lloyd Noland Hospital ✦[1-3] Fairfield	NPCorp	273	9,440	Req	44	12	No	200FM	13 Rotating General	00811
Holy Name of Jesus Hospital [1-3] Moragne Park, Gadsden	Church	140	6,638	Req	33	12	No	150PM	4 Rotating General	00911
Mobile County Hospital ✦[1-3] 850 St. Anthony St., Mobile 16	CyCo	260	6,788	Req	73	12	No	150FM	12 Rotating General	85211
Druid City Hospital [1] 809 Birmingham Rd., Tuscaloosa	CyCo	231	12,272	Req	26	12	No	200-250FM	5 Rotating General	92011
ARIZONA—Hospitals, 6; Internships, 60										
Good Samaritan Hospital ✦[1] 1033 E. McDowell Rd., Phoenix	Church	314	14,678	None	37	12	117	150FM	15 Rotating General	00111
Maricopa County General Hospital ✦[1-3] 3435 W. Durango St., Phoenix	County	404	6,710	Req	48	12	No	150-200PM	4 Rotating General	89811
Memorial Hospital [1-3] 1200 S. 5th Ave., Phoenix	NPCorp	189	7,249	Req	31	12	117	150FM	10 Rotating General	01311
St. Joseph's Hospital ✦[1-3] 350 W. Thomas Rd., Phoenix	Church	325	16,347	Req	52	12	117	150-200FM	15 Rotating General	01211
St. Mary's Hospital and Sanatorium ✦[1-3] St. Mary's Rd., Tucson	Church	315	13,428	Req	44	12	118	100FM	9 Rotating General	01411
Tucson Medical Center ✦[1-3] E. Grant Rd. and Beverly Blvd., Tucson	NPCorp	205	8,552	Req	52	12	118	100FM	7 Rotating General	01511
ARKANSAS—Hospitals, 3; Internships, 71										
Arkansas Baptist Hospital ✦[1] 1700 W. 13th St., Little Rock	Church	305	14,081	None	28	12	No	200FM	16 Rotating General	01611

Hospitals designated with an asterisk (*) in this listing do not participate in the National Intern Matching Program, sponsored by the American Medical Association, the American Hospital Association, the Association of American Medical Colleges, and other cooperating organizations. Abbreviations and other references will be found on pages 312 and 313.

Name of Hospital and Location	Control	Total Beds	Number of Patients Admitted	Outpatient Service	Autopsy Percentage	Length of Program (Months)	Affiliated Service	Beginning Stipend (Month)	Number and Type of Internships	Code Number
ARKANSAS—Continued										
St. Vincent Infirmary +1-3 Markham and Hayes Sts., Little Rock	Church	310	11,198	Req	39	12	119	200FM	12 Rotating General	01711
University Hospital +1-XII 12th and McAlmont Sts., Little Rock	State	197	6,427	Req	58	12	120	135	24 Rotating General	01811
									5 Straight Medicine	01832
									3 Straight Surgery	01833
									3 Straight Pediatrics	01834
									8 Mixed (Med.-Ped.)	01848
CALIFORNIA—Hospitals, 44; Internships, 822										
General Hospital of Riverside County +1-5 9851 Magnolia Ave., Arlington	County	321	4,405	Req	46	12	121	185PM	8 Rotating General	85011
Herrick Memorial Hospital +1-3-4 2001 Dwight Way, Berkeley 4	NPCorp	201	8,323	Req	72	12	No	160FM	6 Rotating General	02011
San Joaquin General Hospital +1-5 French Camp	County	700	7,853	Req	58	12	No	150PM	15 Rotating General	02111
General Hospital of Fresno County +1-4 4475 E. Ventura Ave., Fresno 2	County	632	10,082	Req	37	12	No	195	20 Rotating General	02211
Glendale Sanitarium and Hospital +1 1509 E. Wilson Ave., Glendale 6	Church	292	9,861	Req	59	12	No	152PM	12 Rotating General	02311
Loma Linda Sanitarium and Hospital +1-3-x12 Loma Linda	Church	166	6,417	Req	53	12	No	192PM	10 Rotating General	02411
St. Mary's Long Beach Hospital +3 509 E. 10th St., Long Beach 13	Church	250	15,342	Req	35	12	No	125FM	8 Rotating General	02611
Seaside Memorial Hospital +1-3 1401 Chestnut Ave., Long Beach 13	NPCorp	356	15,832	Req	30	12	122	75FM	15 Rotating General	02711
California Hospital +1-3 1414 S. Hope St., Los Angeles 15	Church	305	13,727	Req	49	12	123	125FM	13 Rotating General	02911
Cedars of Lebanon Hospital +1-3 4833 Fountain Ave., Los Angeles 29	NPCorp	466	15,277	Req	52	12	122	90FM	14 Rotating General	03011
Childrens Hospital +1-3-X14 4614 Sunset Blvd., Los Angeles 27	NPCorp	266	8,769	Req	93	12	No	75FM	2 Straight Pediatrics	03134
Hospital of the Good Samaritan +1-3 1212 Shatto St., Los Angeles 17	Church	475	14,606	Req	50	12	124	140FM	10 Rotating General	03211
Los Angeles County Hospital +1-4-X12-14-x13 1200 N. State St., Los Angeles 33	County	3,243	86,607	Req	34	12	No	160FM	150 Rotating General	03311
Presbyterian Hospital-Olmsted Memorial +1-3 1322 N. Vermont Ave., Los Angeles 27	Church	300	11,517	Req	34	12	No	140FM	10 Rotating General	03511
Queen of Angels Hospital +1-3 2301 Bellevue Ave., Los Angeles 26	Church	476	19,069	Req	51	12	125	125FM	16 Rotating General	03611
St. Vincent's Hospital +1-3 2131 W. 3rd St., Los Angeles 57	Church	237	10,161	Req	39	12	No	125FM	6 Mixed (Med.-Surg.-Ob.-Gyn.)	03722
Santa Fe Coast Lines Hospital + 610 S. St. Louis St., Los Angeles 23	NPCorp	196	5,321	Req	62	12	124	125FM	9 Rotating General	03811
University of California Hospital +1-3-X13 10833 Le Conte Ave., Los Angeles 24	State	320	.....	Req	..	12	No	50PM	10 Straight Medicine	95632
									9 Straight Surgery	95633
									5 Straight Pediatrics	95634
									2 Straight Pathology	95636
White Memorial Hospital +1-3-X12 1720 Brooklyn Ave., Los Angeles 33	Church	218	8,534	Req	60	12	No	134PM	16 Rotating General	04011
Highland-Alameda County Hospital +1-4-5 2701 14th Ave., Oakland 6	County	429	13,481	Req	51	12	126	100FM	34 Rotating General	04111
Kaiser Foundation Hospital +1-3 280 W. MacArthur Blvd., Oakland 11	NPCorp	300	11,266	None	74	12	No	170	22 Rotating General	04211
Orange County General Hospital 1-3 12071 Santa Ana Blvd., Orange	County	574	5,422	Req	55	12	No	192	20 Rotating General	04311
Collis P. and Howard Huntington Memorial Hospital +1-3 100 Congress St., Pasadena 2	NPCorp	289	11,338	Req	58	12	127	187	9 Rotating General	04411
Sacramento County Hospital +1-5 2315 Stockton Blvd., Sacramento 17	County	732	12,523	Req	59	12	No	120FM	24 Rotating General	04611
San Bernardino County Charity Hospital +-x12 780 E. Gilbert St., San Bernardino	County	411	7,124	Req	56	12	No	130PM	14 Rotating General	04711
Mercy Hospital +1-3 Hillcrest Dr., San Diego 3	Church	335	17,606	Req	61	12	No	150FM	12 Rotating General	04811
San Diego County General Hospital +1-4-5 N. Front St., San Diego 3	County	789	8,887	Req	44	12	128	125FM	15 Rotating General	04911
Children's Hospital +1-3-x16 3700 California St., San Francisco 18	NPCorp	220	6,818	Req	58	12	No	100FM	6 Rotating General	05011
Franklin Hospital +1-3 14th and Noe Sts., San Francisco 14	NPCorp	250	7,288	Req	48	12	No	150FM	16 Rotating General	05111
French Hospital +1-3 4131 Geary Blvd., San Francisco 18	NPCorp	205	6,006	Req	35	12	129	100FM	10 Rotating General	05211
Kaiser Foundation Hospital +1-3 2425 Geary Blvd., San Francisco 15	NPCorp	208	8,474	Req	73	12	No	100FM	16 Rotating General	95911
Mary's Help Hospital +1-3 145 Guerrero St., San Francisco 3	Church	180	7,707	Req	39	12	No	100FM	6 Rotating General	05311
Mount Zion Hospital +1-3 1600 Divisadero St., San Francisco 15	NPCorp	294	11,259	Req	66	12	No	100FM	14 Rotating General	05411
St. Luke's Hospital +1-3 1580 Valencia St., San Francisco 10	Church	229	8,991	Req	47	12	No	100FM	8 Rotating General	05611
St. Mary's Hospital +1-3 2200 Hayes St., San Francisco 17	Church	327	11,708	Req	64	12	No	100-150FM	15 Rotating General	05711
San Francisco Hospital +1-4-5-X15-16 1001 Potrero Ave., San Francisco 10	CyCo	1,190	20,554	Req	47	12	130	140		
Stanford University Service Office of the Dean Stanford University School of Medicine 2398 Sacramento St., San Francisco 15									30 Rotating General	05911
University of California Service Dr. Leon Goldman San Francisco Hospital									31 Rotating General	05811
Southern Pacific General Hospital +1-3 1400 Fell St., San Francisco 17	NPCorp	450	6,490	Req	63	12	131	125FM	23 Rotating General	06011
Stanford University Hospitals +1-3-X15 Clay and Webster Sts., San Francisco 15	NPCorp	351	11,655	Req	64	12	No	25FM	7 Straight Medicine	06132
									7 Straight Surgery	06133
									1 Straight Pediatrics	06134
University of California Hospitals +1-3-X16 (Herbert C. Moffitt Hospital) Parnassus and First Aves., San Francisco 22 Dr. J. B. Saunders, Dean University of California School of Medicine, San Francisco 22	State	470	9,833	Req	78	12	132	161	16 Rotating General	06211
									10 Straight Medicine	06232
									9 Straight Surgery	06233
									5 Straight Pediatrics	06234
									2 Straight Pathology	06236

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Name of Hospital and Location	Control	Total Beds	Number of Patients Admitted	Outpatient Service	Autopsy Percentage	Length of Program (Months)	Affiliated Service	Beginning Stipend (Month)	Number and Type of Internships	Code Number
CALIFORNIA—Continued										
Santa Clara County Hospital ✦[1] Los Gatos Rd., San Jose 28	County	454	4,969	Req	69	12	No	135FM	16 Rotating General	06311
Santa Barbara Cottage Hospital ✦[1-3] 320 W. Pueblo St., Santa Barbara	NPCorp	220	6,678	Req	75	12	133	175FM	10 Rotating General	06411
St. John's Hospital ✦-x13 1328 22nd St., Santa Monica	Church	222	12,047	Req	60	12	No	150PM	6 Rotating General	06511
Santa Monica Hospital [1-3] 1250 16th St., Santa Monica	Church	236	12,597	Req	40	12	134	125FM	8 Rotating General	06611
Harbor General Hospital ✦[1-4]-X13 1124 W. Carson St., Torrance	County	730	11,177	Req	53	12	No	75FM	34 Rotating General	06711
COLORADO—Hospitals, 11; Internships, 136										
Glockner-Penrose Hospital ✦[1-3] 2200 N. Tejon St., Colorado Springs	Church	210	5,895	Req	71	12	No	150FM	2 Rotating General	06811
General Rose Memorial Hospital ✦[1-3] 1050 Clermont St., Denver 20	NPCorp	250	11,603	Req	63	12	No	250FM	9 Rotating General	06911
Mercy Hospital ✦[1-3] 1619 Milwaukee St., Denver 6	Church	250	11,251	Req	49	12	No	150FM	9 Rotating General	92211
Porter Sanitarium and Hospital ✦[1-3] 2525 S. Downing St., Denver 10	Church	210	8,134	Req	44	12	136	165	10 Rotating General	07111
Presbyterian Hospital ✦[1-3] 19th Ave. and Gilpin St., Denver 18	Church	198	8,494	....	71	12	137	75FM	10 Rotating General	07211
St. Anthony Hospital ✦[1-3] W. 16th and Quitman Sts., Denver 4	Church	215	10,576	Req	52	12	No	150FM	9 Rotating General	07311
St. Joseph's Hospital ✦[1-3] 1818 Humboldt St., Denver 18	Church	355	14,055	Req	58	12	137	75FM	11 Rotating General	07411
St. Luke's Hospital ✦[1-3] 601 E. 19th Ave., Denver 3	Church	417	15,671	Req	63	12	137	75FM	12 Rotating General	07511
University of Colorado Medical Center										
Colorado General Hospital ✦[1]-X17 4200 E. 9th Ave., Denver 20	State	274	6,005	None	93	12	No	50FM	16 Rotating General 12 Community Rotating	07611 07610
Denver General Hospital ✦[1-3-4]-X17 W. 6th Ave. and Cherokee St., Denver 4	CyCo	440	8,017	Req	65	12	135	105PM	16 Rotating General 16 Community Rotating	07711 07710
Weld County General Hospital [1] 1801 16th St., Greely	County	220	6,839	Req	48	12	No	100FM	4 Rotating General	85311
CONNECTICUT—Hospitals, 21; Internships, 201										
Bridgeport Hospital ✦[1-3] 267 Grant St., Bridgeport 10	NPCorp	387	13,457	Req	39	12	No	190FM	8 Rotating General 2 Straight Medicine 2 Straight Surgery	07911 07932 07933
St. Vincent's Hospital ✦[1-3] 2820 Main St., Bridgeport 6	Church	368	15,776	Req	50	12	No	250	15 Rotating General	08011
Bristol Hospital [1-3] Newell Rd., Bristol	NPCorp	160	6,416	Req	43	12	No	150FM	2 Rotating General	92311
Danbury Hospital ✦[1-3] 95 Locust Ave., Danbury	NPCorp	167	6,507	Req	38	12	No	200FM	6 Rotating General	08111
Greenwich Hospital ✦[1-3] Perryridge Rd., Greenwich	NPCorp	245	6,888	Req	77	12	No	100FM	9 Rotating General	08211
Hartford Hospital ✦[1-3-4] 80 Seymour St., Hartford 15	NPCorp	724	28,883	Req	65	24	No	50FM	18 Rotating General	08311
Hartford Municipal Hospital and Health Center ✦[1-3] 2 Holcomb St., Hartford 5	City	176	3,940	Req	52	12	No	120FM	9 Rotating General	08411
Mount Sinai Hospital [3] 500 Blue Hills Ave., Hartford 12	NPCorp	115	5,651	Req	33	12	No	200FM	4 Rotating General	85411
St. Francis Hospital ✦[1-3-4] 114 Woodland St., Hartford 5	Church	578	20,083	Req	53	12	No	75FM	15 Rotating General	08511
Manchester Memorial Hospital [1-3] 71 Haynes St., Manchester	NPCorp	163	7,531	Req	47	12	138	300PM	4 Rotating General	85511
Meriden Hospital ✦[1-3] 181 Cook Ave., Meriden	NPCorp	215	8,283	Req	40	12	No	150FM	4 Rotating General	08611
Middlesex Memorial Hospital ✦[1-3] 28 Crescent St., Middletown	NPCorp	168	7,058	....	47	12	No	150FM	6 Rotating General	08711
New Britain General Hospital ✦[1-3] 92 Grand St., New Britain	NPCorp	288	10,317	Req	64	12	No	175FM	8 Rotating General	08811
Grace-New Haven Community Hosp. ✦[1-3-4]-X18 789 Howard Ave., New Haven 4	NPCorp	659	19,560	Req	56	12	139	25FM	14 Straight Medicine 13 Straight Surgery 7 Straight Pediatrics 6 Straight Pathology	08983 08933 08934 08936
Hospital of St. Raphael ✦[3] 1450 Chapel St., New Haven 11	Church	370	12,511	Req	38	12	No	100FM	12 Rotating General	09011
Lawrence and Memorial Associated Hosps. ✦[1-3] 365 Montauk Ave., New London	NPCorp	224	9,714	Req	36	12	No	200FM	4 Rotating General	09211
Norwalk Hospital ✦[1-3] 24 Stevens St., Norwalk	NPCorp	310	11,148	Req	49	12	No	125FM	6 Rotating General	09311
William W. Backus Hospital [3] 326 Washington St., Norwich	NPCorp	145	6,181	Req	31	12	No	200PM	3 Rotating General	09411
Stamford Hospital ✦[1-3] 190 W. Broad St., Stamford	NPCorp	297	9,829	Req	55	12	No	100FM	10 Rotating General	09511
St. Mary's Hospital ✦[1-3-4] 56 Franklin St., Waterbury 6	Church	347	13,733	Req	43	12	No	200FM	7 Rotating General	09611
Waterbury Hospital ✦[1-4] 64 Robbins St., Waterbury 8	NPCorp	364	14,736	Req	58	12	No	200FM	7 Rotating General	09711
DELAWARE—Hospitals, 3; Internships, 34										
Delaware Hospital ✦[1-3-4] 501 W. 14th St., Wilmington 1	NPCorp	377	13,268	Req	72	12	No	150FM	16 Rotating General	09811
Memorial Hospital ✦[1-3-4]-x68 1501 Van Buren St., Wilmington 6	NPCorp	264	6,963	Req	57	12	No	150FM	12 Rotating General	09911
Wilmington General Hospital ✦[1-3] Chestnut at Broom St., Wilmington 5	NPCorp	187	6,900	Req	40	12	No	150FM	6 Rotating General	10011
DISTRICT OF COLUMBIA—Hospitals, 9; Internships, 157										
Central Dispensary and Emergency Hosp. ✦[1-3-4] (Washington Hospital Center) 1711 New York Ave., N.W., Washington 6	NPCorp	300	8,325	Req	54	12	140	200FM	15 Rotating General	79611
Dist. of Columbia General Hosp. ✦[1-3-4]-X19-20-x21 19th and E. Sts., S.E., Washington 3	City	1,203	21,927	Req	51	12	No	128	50 Rotating General	79911
Doctors Hospital ✦[1-3] 1815 Eye St., N.W., Washington 6	Corp	238	9,851	Req	74	12	141	150PM	6 Rotating General	79711

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DISTRICT OF COLUMBIA—Continued										
Garfield Memorial Hospital ✦1-3 (Washington Hospital Center) 10th and Florida Ave., N.W., Washington 1	NPCorp	295	10,747	Req	68	12	142	200FM	15 Rotating General	80011
Georgetown University Hospital ✦1-3-X19 3800 Reservoir Rd., N.W., Washington 7	Church	365	15,599	....	66	12	143	50FM	9 Straight Medicine	80132
George Washington University Hospital ✦1-3-X20 901 23rd. St., N.W., Washington 7	NPCorp	410	15,982	Req	65	12	108	125PM	13 Rotating (Med. Maj.) 11 Rotating (Surg. Maj.) 1 Rotating (Path. Maj.)	80212 80213 80286
Providence Hospital ✦1-3-4 2nd and D. Sts., S.E., Washington 3	Church	270	10,665	Req	62	12	No	175FM	18 Rotating General	80311
Sibley Memorial Hospital ✦1-3 1150 N. Capitol St., Washington 2	Church	258	10,221	Req	44	12	No	100FM	9 Rotating General	80511
Washington Sanitarium and Hospital 1-3 7600 Carroll Ave., Washington 12	Church	240	7,923	Req	36	12	140	135PM	10 Rotating General	25411
FLORIDA—Hospitals, 9; Internships, 126										
Duval Medical Center ✦1-3 2000 Jefferson St., Jacksonville 8	County	335	8,457	Req	44	12	No	125FM	18 Rotating General	10111
St. Luke's Hospital ✦1 9th St. and Boulevard, Jacksonville 8	NPCorp	215	9,990	Req	34	12	No	200PM	6 Rotating General	10211
St. Vincent's Hospital ✦1-3 Barrs and St. Johns Ave., Jacksonville 4	Church	250	14,637	Req	54	12	No	200FM	18 Rotating General	10311
Jackson Memorial Hospital ✦1-4-X22 1000 N.W. 17th St., Miami 36	County	844	25,402	Req	55	12	144	60FM	45 Rotating General	10411
St. Francis Hospital ✦1-3 250 W. 63rd St., Miami Beach 41	Church	200	7,088	Req	40	12	No	100FM	5 Rotating General	10611
Sacred Heart Hospital ✦1-3 1010 N. 12th Ave., Pensacola	Church	130	6,259	Req	38	12	No	200FM	3 Rotating General	10811
Mound Park Hospital ✦1-3 7th St. and 6th Ave. S., St. Petersburg 5	City	281	9,422	Req	34	12	145	260PM	12 Rotating General	91111
Tampa Municipal Hospital ✦1-3 Davis Islands, Tampa 6	City	300	13,024	Req	52	12	146	200FM	15 Rotating General	10911
St. Mary's Hospital 1-3 900 49th St., West Palm Beach	Church	200	6,980	Req	25	12	147	200PM	4 Rotating General	91411
GEORGIA—Hospitals, 11; Internships, 177										
Athens General Hospital 797 Cobb St., Athens	County	160	4,789	Req	36	12	No	275PM	4 Rotating General	85611
St. Mary's Hospital 1-3 360 N. Milledge Ave., Athens	Church	100	4,102	Req	40	12	148	225FM	3 Rotating General	11011
Crawford W. Long Memorial Hospital ✦1-3 35 Linden Ave. N.E., Atlanta 3	Church	481	21,710	Req	40	12	149	100FM	18 Rotating General	11111
Georgia Baptist Hospital ✦1 300 Boulevard N.E., Atlanta 12	Church	475	20,268	Req	55	12	No	265FM	20 Rotating General	11211
Grady Memorial Hospital ✦1-3-4-X23 36 Butler St., S.E., Atlanta 3	County	670	19,424	Req	62	12	No	10FM	8 Rotating General * 16 Straight Medicine 16 Straight Surgery 4 Straight Pediatrics	11311 11332 11333 11334
Piedmont Hospital ✦1-x23 551 Capitol Ave., Atlanta	NPCorp	132	6,614	None	50	12	149	225PM	10 Rotating General	11411
St. Joseph's Infirmary ✦1-3 272 Courtland St., N.E., Atlanta 3	Church	281	12,077	Req	42	12	149	150FM	12 Rotating General	11511
University Hospital ✦1-X24 University Pl., Augusta	City	421	12,810	....	31	12	No	150PM	24 Rotating General	11611
Columbus City Hospital ✦1-3 19th St. and 8th Ave., Columbus	City	226	10,257	Req	33	12	No	200FM	12 Rotating General	11811
Emory University Hospital ✦1-3-X23 Emory University	NPCorp	309	11,575	Req	64	12	No	165	6 Straight Medicine 6 Straight Surgery 2 Straight Pathology	11932 11933 11936
Macon Hospital ✦1-3 840 Pine St., Macon	CyCo	284	14,547	Req	36	12	No	200FM	16 Rotating General	12011
ILLINOIS—Hospitals, 53; Internships, 790										
MacNeal Memorial Hospital ✦1-3 3249 S. Oak Park Ave., Berwyn	NPCorp	271	11,047	Req	42	12	No	100-150FM	12 Rotating General	12111
St. Francis Hospital 1-3 12948 S. Gregory St., Blue Island	Church	160	6,556	Req	60	12	No	175FM	6 Rotating General	98211
American Hospital ✦1-3 850 W. Irving Park Rd., Chicago 13	NPCorp	152	5,246	Req	51	12	No	50FM	5 Rotating General	12311
Augustana Hospital ✦1-3 411 W. Dickens Ave., Chicago 14	Church	320	9,213	Req	60	12	No	100FM	10 Rotating General	12411
Chicago Wesley Memorial Hospital ✦1-3-X26 250 E. Superior St., Chicago 11	Church	568	17,123	None	65	12	150	50FM	32 Rotating General	16211
Columbus Hospital ✦3-x26 2520 N. Lakeview Ave., Chicago 14	Church	350	10,699	....	37	12	151	75FM	20 Rotating General	12611
Cook County Hospital ✦1-X25-26-27-29 1825 W. Harrison St., Chicago 12	County	3,200	71,390	Req	38	12	No	50FM	124 Rotating General	12711
Edgewater Hospital 1-3 5700 N. Ashland Ave., Chicago 26	NPCorp	276	9,301	Req	42	12	No	100FM	12 Rotating General	12811
Englewood Hospital ✦3 6001 S. Green St., Chicago 21	NPCorp	154	6,524	Req	41	12	No	150FM	6 Rotating General	12911
Evangelical Hospital 1-3 5421 S. Morgan St., Chicago 9	Church	195	7,854	None	45	12	No	150FM	9 Rotating General	13011
Grant Hospital ✦1-X29 551 W. Grant Pl., Chicago 14	NPCorp	240	7,707	Req	57	12	150	200FM	9 Rotating General	13211
Hospital of St. Anthony de Padua ✦1-3 2875 W. 19th St., Chicago 23	Church	208	7,072	Req	43	12	No	200FM	8 Rotating General	13511
Illinois Central Hospital ✦1-3-x29 5800 Stony Island Ave., Chicago 37	NPCorp	282	7,098	Req	66	12	153	164FM	14 Rotating General	13611
Illinois Masonic Hospital ✦1-3 836 Wellington Ave., Chicago 14	NPCorp	360	12,264	Req	50	12	No	100FM	12 Rotating General	13711
Jackson Park Hospital 1-3 7531 Stony Island Ave., Chicago 49	Corp	146	4,839	None	43	12	No	150FM	8 Rotating General	13811
Loretto Hospital ✦1-3-X27 645 S. Central Ave., Chicago 44	Church	150	5,329	Req	64	12	No	150-200FM	6 Rotating General	13911
Lutheran Deaconess Home and Hospital ✦3 1138 N. Leavitt St., Chicago 22	Church	186	6,354	None	35	12	No	150FM	5 Rotating General	14011
Mercy Hospital ✦1-3-X27 2537 S. Prairie Ave., Chicago 16	Church	356	9,321	Req	50	12	No	100FM	15 Rotating General	14111

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ILLINOIS—Continued										
Michael Reese Hospital [+1-3-X25-26] 2839 S. Ellis Ave., Chicago 16	NPCorp	732	19,752	Req	65	12	154	75FM	38 Rotating General 1 Straight Medicine 2 Straight Surgery 1 Straight Pediatrics	14211 14232 14233 14234
Mount Sinai Hospital [+1-3-X25] 2750 W. 15th Pl., Chicago 8	NPCorp	373	12,226	Req	51	12	No	50FM	10 Rotating General 2 Straight Surgery	14411 14433
Norwegian-American Hospital [+1-3] 1044 N. Francisco Ave., Chicago 22	NPCorp	173	6,357	Req	40	12	No	200FM	10 Rotating General	14511
Passavant Memorial Hospital [+1-3-X26] 303 E. Superior St., Chicago 11	NPCorp	263	8,640	None	74	12	150	25FM	12 Rotating General	14611
Presbyterian Hospital [+1-X29] 1753 W. Congress St., Chicago 12	Church	432	13,632	Req	71	12	No	100FM	26 Rotating General	14711
Provident Hospital [+1-3] 426 E. 51st St., Chicago 15	NPCorp	203	6,551	Req	49	12	No	175FM	9 Rotating General 1 Straight Surgery	14811 14833
Ravenswood Hospital [+1-3] 1931 W. Wilson Ave., Chicago 40	NPCorp	207	8,090	....	61	12	No	75FM	6 Rotating General 1 Rotating (Med. Major) 1 Rotating (Surg. Maj.) 1 Rotating (Ob.-Gyn. Major)	14911 14912 14913 14915
Resurrection Hospital [3] 7435 W. Talcott Ave., Chicago 31	Church	186	8,118	Req	71	12	No	200FM	9 Rotating General	93711
Roseland Community Hospital [3] 45 W. 111th St., Chicago 28	NPCorp	101	3,981	....	48	12	No	175FM	5 Rotating General	92411
St. Anne's Hospital [+1-3] 4950 W. Thomas St., Chicago 51	Church	396	12,811	Req	39	12	No	200FM	12 Rotating General	15211
St. Bernard's Hospital [1-3] 6337 S. Harvard Ave., Chicago 21	Church	189	9,095	None	27	12	No	150FM	8 Rotating General	15311
St. Elizabeth Hospital [+3] 1431 N. Claremont Ave., Chicago 22	Church	273	9,917	None	29	12	No	200FM	10 Rotating General	15411
St. Joseph Hospital [+1-3-X27] 2100 N. Burling St., Chicago 14	Church	197	6,125	Req	60	12	No	200FM	8 Rotating General	15511
St. Luke's Hospital [+1-3-X26-x29] 1439 S. Michigan Ave., Chicago 5	NPCorp	522	14,476	Req	70	12	No	50FM	32 Rotating General	15611
St. Mary of Nazareth Hospital [+1] 1120 N. Leavitt St., Chicago 22	Church	270	8,650	Req	41	12	No	200FM	10 Rotating General	15711
South Chicago Community Hospital [1-3] 2320 E. 93rd St., Chicago 17	NPCorp	250	9 806	Req	33	12	No	150FM	8 Rotating General	15811
South Shore Hospital [+1-3] 8015 S. Luella Ave., Chicago 17	NPCorp	163	6,337	Req	32	12	155	150-200FM	7 Rotating General	92511
Swedish Covenant Hospital [+1-3] 5145 N. California Ave., Chicago 25	Church	230	6,272	None	36	12	No	150FM	8 Rotating General	15911
University of Chicago Clinics [+1-3-4-X28] 950 E. 59th St., Chicago 37	NPCorp	662	16,072	Req	79	12	No	150PM	36 Rotating General	16011
University of Illinois Research and Educational Hospitals [+1-4-X29] 840 S. Wood St., Chicago 12	State	600	9,860	Req	90	12	No	50FM	36 Rotating General	15011
Walther Memorial Hospital [1-3] 1116 N. Kedzie Ave., Chicago 51	Church	172	6,922	Req	23	12	No	100FM	6 Rotating General	16111
Woodlawn Hospital [+1-3] 6060 Drexel Ave., Chicago 37	NPCorp	150	4,513	Req	59	12	No	100FM	6 Rotating General	16411
Decatur and Macon County Hospital [+1] 2300 N. Edward St., Decatur	NPCorp	257	9,412	Req	34	12	156	225PM	10 Rotating General	85711
St. Mary's Hospital [3] 129 N. 8th St., East St. Louis	Church	320	10,179	....	31	12	No	150FM	12 Rotating General	16511
Memorial Hospital of Du Page County [1-3] 189 Avon Rd., Elmhurst	NPCorp	187	10,148	Req	48	12	No	200FM	8 Rotating General	16611
Evanston Hospital [+1-X26] 2650 Ridge Ave., Evanston	NPCorp	325	10,928	Req	78	12	No	50FM	18 Rotating General	16711
St. Francis Hospital [+1] 355 Ridge Ave., Evanston	Church	383	14,231	Req	61	12	No	150FM	16 Rotating General	16811
Little Company of Mary Hospital [+1] 2800 W. 95th St., Evergreen Park 42	Church	465	18,140	....	34	12	No	150FM	15 Rotating General	16911
Oak Park Hospital [1-3] 525 Wisconsin Ave., Oak Park	Church	242	8,321	Req	36	12	No	150FM	10 Rotating General	17211
West Suburban Hospital [+3] 518 N. Austin Blvd., Oak Park	NPCorp	329	12,385	Req	48	12	No	200FM	12 Rotating General	17311
Methodist Hospital of Central Illinois [+3] 221 N. Glen Oak Ave., Peoria	Church	347	12,581	Req	58	12	No	125FM	16 Rotating General	17411
St. Francis Hospital [+1] 530 N. Glen Oak Ave., Peoria	Church	611	17,405	Req	46	12	No	200FM	18 Rotating General	17511
Rockford Memorial Hospital [+1-3] 2400 N. Rockton Ave., Rockford	NPCorp	191	7,345	Req	64	12	No	150FM	8 Rotating General	17711
St. Anthony Hospital [+1-3] 1401 E. State St., Rockford	Church	240	8,688	Req	48	12	No	150FM	6 Rotating General	17811
Swedish-American Hospital [+] 1316 Charles St., Rockford	NPCorp	200	8,230	Req	46	12	No	150FM	6 Rotating General	17911
INDIANA—Hospitals, 17; Internships, 201										
St. Catherine Hospital [1-3] 4321 Fir St., East Chicago	Church	318	10,946	Req	51	12	No	200FM	7 Rotating General	18111
Protestant Deaconess Hospital [1] 600 Mary St., Evansville 10	Church	278	12,933	Req	39	12	No	150FM	4 Rotating General	18211
St. Mary's Hospital [1-3] 3700 Washington Ave., Evansville 15	Church	178	7,652	Req	49	12	No	250PM	8 Rotating General	94111
Lutheran Hospital 3024 Fairfield Ave., Fort Wayne 6	Church	210	7,335	Req	37	12	No	200-250FM	6 Rotating General	18311
Parkview Memorial Hospital [1-3] 2200 Randalia Dr., Fort Wayne 3	NPCorp	242	9,308	Req	36	12	No	200-250FM	8 Rotating General	94011
St. Joseph's Hospital [+1-3] 730 W. Berry St., Fort Wayne 2	Church	271	9,755	Req	41	12	No	200-250FM	6 Rotating General	90411
Methodist Hospital [+1] 1600 W. 6th Ave., Gary	Church	242	16,133	....	39	12	No	175PM	10 Rotating General	86911
St. Mary's Mercy Hospital [1-3] 540 Tyler St., Gary	Church	251	10,429	None	42	12	No	200FM	8 Rotating General	18411
St. Margaret Hospital [+] 25 Douglas St., Hammond	Church	350	14,051	None	34	12	No	300FM	12 Rotating General	18511
Indianapolis General Hospital [+1-4-X30] 960 Locke St., Indianapolis 7	County	691	12,014	Req	48	12	No	150PM	42 Rotating General	18611
Indiana University Medical Center [+1-4-X30] 1100 W. Michigan St., Indianapolis 7	State	496	11,319	None	69	12	157	115FM	26 Rotating General 4 Straight Surgery	18711 18733
Methodist Hospital [+1] 1604 N. Capitol Ave., Indianapolis 7	Church	640	26,471	Req	38	12	No	215PM	18 Rotating General	18811

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INDIANA—Continued										
St. Vincent's Hospital ✦[1-3] 120 W. Fall Creek Pkwy., Indianapolis 7	Church	288	12,750	Req	46	12	No	210PM	11 Rotating General	18911
St. Elizabeth Hospital ✦[1] 1021 N. 14th St., Lafayette	Church	285	9,736	Req	35	12	No	150FM	10 Rotating General	19011
Ball Memorial Hospital ✦[1] 2401 University Ave., Muncie	NPCorp	250	10,786	Req	46	12	No	250PM	8 Rotating General	19211
Memorial Hospital ✦[1] 604 N. Main St., South Bend 1	NPCorp	225	9,676	Req	42	12	No	200FM	7 Rotating General	19311
St. Joseph's Hospital [1-3] 401 N. Notre Dame Ave., South Bend 22	Church	174	7,284	None	32	12	No	215	6 Rotating General	19411
IOWA—Hospitals, 8; Internships, 70										
Mercy Hospital [1-3] 835 6th Ave. S.E., Cedar Rapids	Church	217	8,001	Req	41	12	No	200FM	4 Rotating General	19611
St. Luke's Methodist Hospital ✦[1-3] 1026 A Ave., N.E., Cedar Rapids	Church	300	11,807	Req	57	12	No	150FM	6 Rotating General	19711
Mercy Hospital [1]-X47 420 E. Washington Ave., Council Bluffs	Church	188	6,384	Req	21	12	No	150FM	4 Rotating General	19811
Broadlawns, Polk County Hospital ✦[1-3] 18th and Hickman Rd., Des Moines 14	County	214	4,230	Req	56	12	No	150FM	12 Rotating General	19911
Iowa Methodist Hospital ✦[1-3] 1200 Pleasant St., Des Moines 74	Church	396	14,963	Req	52	12	No	150FM	12 Rotating General	20111
Mercy Hospital ✦[1-3] 4th and Ascension Sts., Des Moines 14	Church	200	8,843	Req	58	12	158	175FM	8 Rotating General	20211
Mercy Hospital ✦[1-3] 214 N. Van Buren St., Iowa City	Church	190	7,056	....	25	12	No	150FM	4 Rotating General	86111
State University of Iowa Hospitals ✦[1-3-4]-X31 Newton Rd., Iowa City	State	896	19,679	Req	72	12	No	125FM	30 Rotating General	20611
KANSAS—Hospitals, 7; Internships, 89										
Bethany Hospital [1-3] 12th St. and Reynolds Ave., Kansas City 7	Church	159	7,108	None	47	12	No	150FM	8 Rotating General	20511
Providence Hospital [1] 18th St. and Barnett Ave., Kansas City 2	Church	150	7,599	Req	44	12	159	235PM	6 Rotating General	20611
St. Margaret's Hospital ✦[1-3] 8th St. and Vermont Ave., Kansas City 8	Church	115	5,935	Req	45	12	No	225FM	6 Rotating General	20711
University of Kansas Medical Center ✦[1-3-4]-X32 39th and Rainbow Blvd., Kansas City 3	State	546	11,834	....	74	12	No	40PM	12 Rotating General 1 Straight Medicine 1 Straight Surgery 1 Straight Pediatrics 1 Straight Pathology 3 Mixed (Med.-Surg.-Ped.) 1 Mixed (Path.-Med.) 1 Mixed (Path.-Surg.)	20811 20832 20833 20834 20836 20823 20827 20856
St. Francis Hospital ✦[1-3] 928 N. Emporia Ave., Wichita 5	Church	535	20,911	Req	41	12	160	225FM	20 Rotating General	20911
Wesley Hospital ✦[1-3] 550 N. Hillside Ave., Wichita 6	Church	385	15,587	Req	34	12	160	170FM	16 Rotating General	21011
Wichita-St. Joseph Hospital ✦[1-3] 3400 Grand Ave., Wichita 17	Church	325	12,294	Req	36	12	160	150FM	12 Rotating General	21111
KENTUCKY—Hospitals, 9; Internships, 104										
St. Elizabeth Hospital [1-3] 21st and Eastern Ave., Covington	Church	364	12,615	Req	34	12	No	200FM	12 Rotating General	21211
Good Samaritan Hospital ✦ 310 S. Limestone St., Lexington	Church	315	10,587	Req	28	12	No	150FM	12 Rotating General	21411
St. Joseph Hospital ✦[1-3] 544 W. 2nd St., Lexington	Church	256	9,326	Req	46	12	No	200FM	8 Rotating General	21511
Kentucky Baptist Hospital [3] 810 Barret Ave., Louisville 4	Church	345	14,812	Req	34	12	161	200FM	10 Rotating General	21611
Louisville General Hospital ✦[1-3-4]-X33 323 E. Chestnut St., Louisville 2	CyCo	360	10,153	Req	56	12	162	70FM	22 Rotating General 4 Straight Medicine 5 Straight Pediatrics	21711 21732 21734
Norton Memorial Infirmary ✦[1-3] 231 W. Oak St., Louisville 3	NPCorp	280	10,985	Req	30	12	164	160FM	6 Rotating General	21811
St. Anthony Hospital ✦[1-3] 1313 St. Anthony Pl., Louisville 4	Church	210	9,400	Req	30	12	163	200PM	5 Rotating General	21911
St. Joseph Infirmary ✦[1-3] 735 Eastern Pkwy., Louisville 17	Church	426	17,943	Req	33	12	No	175FM	16 Rotating General	22011
SS. Mary and Elizabeth Hospital [1-3] 1367 S. 12th St., Louisville 10	Church	178	8,744	Req	30	12	164	200FM	4 Rotating General	22111
LOUISIANA—Hospitals, 10; Internships, 240										
Baton Rouge General Hospital ✦[1] 3600 Florida St., Baton Rouge 9	Church	250	14,533	Req	26	12	165	100FM	5 Rotating General	22311
Charity Hospital of Louisiana ✦[1-3-4]-X34-35 1532 Tulane Ave., New Orleans 12	State	2,848	58,170	Req	66	12	No	75PM	130 Rotating General	22411
Hotel Dieu ✦[1-3] 2004 Tulane Ave., New Orleans 16	Church	292	13,112	Req	40	12	No	150FM	12 Rotating General	22511
Mercy Hospital [3] 301 N. Jefferson Davis Pkwy., New Orleans 19	Church	191	10,048	Req	43	12	No	150FM	8 Rotating General	22611
Ochsner Foundation Hospital ✦[2] 1516 Jefferson Highway, New Orleans 21	NPCorp	240	7,211	Req	82	12	No	75FM	4 Straight Medicine	99832
Southern Baptist Hospital ✦[1] 2700 Napoleon Ave., New Orleans 15	Church	419	19,962	Req	48	12	No	165	20 Rotating General	22811
Touro Infirmary ✦[1-3]-x35 3516 Prytania St., New Orleans 15	NPCorp	457	19,062	Req	53	12	No	75FM	20 Rotating General	22911
Confederate Memorial Medical Center ✦[1] 1541 Kings Highway, Shreveport	State	1,000	22,561	Req	34	12	No	100FM	36 Rotating General	23211
North Louisiana Sanitarium [1] 1130 Louisiana Ave., Shreveport	Corp	130	5,146	Req	37	12	166	225FM	3 Rotating General	23011
T. E. Schumpert Memorial Sanitarium [1] 941 Margaret Pl., Shreveport 15	Church	107	6,434	Req	47	12	166	250	2 Rotating (Surg. Maj.)	23113
MAINE—Hospitals, 4; Internships, 30										
Eastern Maine General Hospital ✦[1] 489 State St., Bangor	NPCorp	297	9,644	Req	45	12	No	75FM	8 Rotating General	23311
Central Maine General Hospital ✦[1-3] 300 Main St., Lewiston	NPCorp	220	7,166	Req	54	12	No	125FM	6 Rotating General	.....

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Name of Hospital and Location	Control	Total Beds	Number of Patients Admitted	Outpatient Service	Autopsy Percentage	Length of Program (Months)	Affiliated Service	Beginning Stipend (Month)	Number and Type of Internships	Code Number
MAINE—Continued										
St. Mary's General Hospital [1-3]..... 318 Sabattus St., Lewiston	Church	150	4,472	Req	27	12	No	125FM	4 Rotating General	23511
Maine General Hospital [+1-3]..... 22 Arsenal St., Portland 4	NPCorp	340	9,122	Req	41	12	No	75FM	12 Rotating General	23611
MARYLAND—Hospitals, 18; Internships, 281										
Baltimore City Hospitals [+1-3-4-X36-37]..... 4940 Eastern Ave., Baltimore 24	City	1,150	12,640	Req	60	12	167	50FM	12 Rotating General 7 Straight Medicine 6 Straight Pediatrics 2 Straight Pathology 2 Mixed (Med.-Ped.) 2 Mixed (Ped.-Med.)	23711 23732 23734 23736 23753 23754
Bon Secours Hospital [+3]..... 2025 W. Fayette St., Baltimore 23	Church	170	6,942	Req	30	12	No	225FM	6 Rotating General	23811
Church Home and Hospital [+1-3]..... Broadway and Fairmount Aves., Baltimore 31	Church	184	5,770	Req	49	12	No	175FM	8 Rotating General 1 Straight Medicine	23911 23932
Franklin Square Hospital [+1-3]..... 110 N. Calhoun St., Baltimore 23	NPCorp	165	5,095	Req	31	12	168	200FM	8 Rotating General	24011
Hospital for Women [+1-3]..... Lafayette Ave. and John St., Baltimore 17	NPCorp	151	6,590	Req	46	12	No	200FM	4 Mixed (Med.-Ob.-Gyn.)	24109
Johns Hopkins Hospital [+1-3-4-X36]..... 601 N. Broadway, Baltimore 5	NPCorp	997	22,612	Req	66	12	169	20FM	14 Straight Medicine [4] 10 Straight Medicine (Private Wards) 19 Straight Surgery 20 Straight Pediatrics 3 Straight Pathology	24232 24238 24233 24234 24236
Lutheran Hospital [+1-3]..... 730 Ashburton St., Baltimore 16	Church	191	7,783	Req	46	12	No	200FM	7 Rotating General	24311
Maryland General Hospital [+1-3]..... Linden Ave. and Madison St., Baltimore 1	Church	230	7,045	Req	41	12	No	200FM	10 Rotating General	24411
Mercy Hospital [+1-3-4-X37]..... Calvert and Saratoga Sts., Baltimore 2	Church	300	10,612	Req	50	12	No	225PM	16 Rotating General	24511
Provident Hospital and Free Dispensary [+1-3-4 1514 Division St., Baltimore 17	NPCorp	137	3,718	Req	41	12	No	100FM	8 Rotating General	24611
St. Agnes Hospital [+3]..... 1000 Caton Ave., Baltimore 29	Church	217	8,059	Req	52	12	167	100FM	9 Rotating General	24711
St. Joseph's Hospital [+3]..... 1400 N. Caroline St., Baltimore 13	Church	250	7,466	Req	39	12	104	200FM	8 Rotating General	24811
Sinai Hospital [+1-3-4]..... 1714 E. Monument St., Baltimore 5	NPCorp	312	12,119	Req	52	12	No	100FM	16 Rotating General 2 Straight Medicine 2 Straight Surgery 1 Straight Pediatrics	24911 24932 24933 24934
South Baltimore General Hospital [+1-3]..... 1213 Light St., Baltimore 30	NPCorp	184	5,847	None	35	12	No	140FM	8 Rotating General	25011
Union Memorial Hospital [+1-3]..... 33rd and Calvert Sts., Baltimore 18	NPCorp	342	9,998	Req	43	12	No	200FM	16 Rotating General	25111
University Hospital [+1-3-4-X37]..... Redwood and Greene Sts., Baltimore 1	State	582	14,168	Req	46	12	No	25FM	32 Rotating General 2 Straight Medicine 2 Straight Pediatrics	25211 25232 25234
*Suburban Hospital [+1-3]..... 8600 Old Georgetown Rd., Bethesda 14	NPCorp	125	6,180	Req	41	12	142	100-200FM	4 Rotating General	.....
Prince George's General Hospital [+1-3-x19]..... Cheverly	County	235	10,644	Req	43	12	No	150FM	14 Rotating General	90511
MASSACHUSETTS—Hospitals, 34; Internships, 388										
Beverly Hospital [+1-3]..... Herrick and Heather Sts., Beverly	NPCorp	186	6,463	Req	66	12	No	50FM	6 Rotating General	25511
Beth Israel Hospital [+1-3-4-X39-40]..... 330 Brookline Ave., Boston 15	NPCorp	325	11,439	Req	52	12	170	25FM	10 Straight Medicine 5 Straight Surgery	25632 25633
Boston City Hospital [+1-3-4-X38-39-40]..... 818 Harrison Ave., Boston 18 Chrm. Com. Internship Exams	City I and III II and IV V and VI I III V	3,067 Medical Tufts . . . Fernando Biguria, M. D. Medical Harvard . . . Wm. B. Castle, M. D. Medical Boston Univ. . . . Kermit Katz, M. D. Surgical Tufts Surgical Boston Univ. Surgical Harvard Straight Specialties, Boston Univ. Pathology	33,686	None	45	12	No	92FM	16 Straight Medicine 16 Straight Medicine 16 Straight Medicine 8 Straight Surgery 8 Straight Surgery 8 Straight Surgery 4 Straight Pediatrics 5 Straight Pathology	25793 25794 25795 25796 25798 25701 25704 25736
Carney Hospital [+1-3]..... 2100 Dorchester Ave., Boston 24	Church	280	10,176	Req	44	12	171	100FM	12 Rotating General	25811
Children's Medical Center [+1-3-4-X39]..... 300 Longwood Ave., Boston 15	NPCorp	401	10,124	Req	77	12	172	FM	5 Straight Pediatrics 2 Straight Pathology	25934 25936
Massachusetts General Hospital [+1-3-4-X39]..... Fruit St., Boston 14	NPCorp	869	22,663	Req	68	12	173	33FM	13 Straight Medicine 8 Straight Surgery 7 Straight Pediatrics 1 Straight Pathology	26132 26133 26134 26136
Massachusetts Memorial Hospitals [+1-3X38]..... 750 Harrison Ave., Boston 18	NPCorp	328	7,638	Req	64	12	174	25FM	10 Straight Medicine 6 Straight Surgery 1 Straight Pathology	26232 26233 26236
New England Center Hospital [+1-3-X40]..... Harrison Ave. and Bennet St., Boston 11	NPCorp	202	6,041	Req	66	12	175	41FM	10 Straight Medicine 8 Straight Surgery	26332 26333
New England Hospital [+1-3]..... Dimock St. and Columbus Ave., Boston 19	NPCorp	150	3,757	Req	35	12	176	35FM	4 Rotating General	26411
Peter Bent Brigham Hospital [+1-3-4-X39]..... 721 Huntington Ave., Boston 15	NPCorp	280	6,278	Req	78	12	177	25FM	12 Straight Medicine 6 Straight Surgery	26532 26533
St. Elizabeth's Hospital [+1-3-X40]..... 736 Cambridge St., Boston (Brighton) 35	Church	400	12,996	Req	66	12	No	95FM	12 Rotating General	26611
Brockton Hospital [1-3]..... 680 Centre St., Brockton 11	NPCorp	189	7,121	Req	51	12	No	250FM	4 Rotating General	26711
Cambridge City Hospital [+1-x40]..... 1493 Cambridge St., Cambridge 39	City	246	6,315	Req	50	12	No	100FM	12 Rotating General	26811
Mount Auburn Hospital [+1-3-x39]..... 330 Mount Auburn St., Cambridge 38	NPCorp	246	7,459	Req	53	12	178	100FM	6 Rotating General	26911
Truesdale Hospital [+1-3]..... 1820 Highland Ave., Fall River	NPCorp	152	4,490	Req	53	12	179	100FM	8 Rotating General	27011
Union Hospital [1-3]..... 300 Hanover St., Fall River	NPCorp	184	6,161	Req	38	12	No	100-150FM	6 Rotating General	86411
Holyoke Hospital [1-3-4]..... 575 Beech St., Holyoke	NPCorp	180	5,776	Req	33	12	No	100FM	2 Rotating General 2 Mixed (Med.-Surg.)	27311 27324
Lawrence General Hospital [+1-3]..... 1 Garden St., Lawrence	NPCorp	187	6,817	Req	59	12	No	100FM	4 Rotating General	27411

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MASSACHUSETTS—Continued										
Lowell General Hospital ✦[1-3] 295 Varnum Ave., Lowell	NPCorp	210	6,218	Req	38	12	No	100-150FM	2 Rotating General	27511
St. John's Hospital [3] 14 Bartlett St., Lowell	Church	183	6,729	Req	40	12	No	100FM	5 Rotating General	27611
St. Joseph's Hospital [1-3] 830 Merrimack St., Lowell	Church	189	6,783	Req	38	12	No	125FM	4 Rotating General	27711
Lynn Hospital ✦[1-3] 212 Boston St., Lynn	NPCorp	248	11,393	Req	42	12	No	100FM	10 Rotating General	27811
St. Luke's Hospital ✦[1-3] 101 Page St., New Bedford	NPCorp	339	11,163	Req	22	12	No	150FM	6 Rotating General	27911
Newton-Wellesley Hospital ✦[1-3] 2014 Washington St., Newton Lower Falls 62	NPCorp	235	7,753	Req	44	12	No	120FM	6 Rotating General	28011
St. Luke's Hospital [1-3] 379 East St., Pittsfield	Church	150	4,650	Req	48	12	No	150FM	3 Rotating General	28211
Quincy City Hospital ✦[1-3] 114 Whitwell St., Quincy 69	City	251	11,374	Req	39	12	No	137FM	12 Rotating General	28311
Salem Hospital ✦[1-3-4] 81 Highland Ave., Salem	NPCorp	244	7,861	Req	31	12	No	110-150FM	6 Rotating General	28411
Mercy Hospital [3] 233 Carew St., Springfield 4	Church	340	11,984	Req	27	12	No	150-200FM	6 Rotating General	28511
Springfield Hospital ✦[1-3] 759 Chestnut St., Springfield 7	NPCorp	321	9,518	Req	48	12	180	75FM	8 Rotating General	28611
Wesson Memorial Hospital [1-3] 140 High St., Springfield 5	NPCorp	159	6,380	None	51	12	180	100FM	4 Rotating General	28711
Waltham Hospital [1]-x40 Hope Ave., Waltham 54	NPCorp	155	5,589	Req	32	12	No	300FM	4 Rotating General	28811
Memorial Hospital ✦[1-3-4] 119 Belmont St., Worcester 5	NPCorp	294	11,192	Req	55	12	No	100FM	9 Rotating General	28911
St. Vincent Hospital ✦[1-3] 25 Winthrop St., Worcester 10	Church	507	12,816	Req	47	12	No	150FM	16 Rotating General	29011
Worcester City Hospital ✦[3-4] 71 Jacques Ave., Worcester 9	City	436	11,374	Req	51	12	No	115FM	24 Rotating General	29111
MICHIGAN—Hospitals, 37; Internships, 610										
St. Joseph Mercy Hospital ✦[1-3]-x41 326 N. Ingalls St., Ann Arbor	Church	385	10,504	Req	79	12	No	200FM	14 Rotating General	29211
University Hospital ✦[1-3-4]-X41 1313 E. Ann St., Ann Arbor	State	1,008	20,040	....	72	12	181	117	3 Rot.(Anes. Major) 2 Rot. (Derm. Major) 12 Rot. (Gen. Prac. Maj.) 8 Rot. (Med. Major) 2 Rot. (Neuro. Major) 3 Rot. (Ob-Gyn. Major) 1 Rot. (Ophth. Major) 1 Rot. (Otol. Major) 2 Rot. (Path. Major) 3 Rot. (Ped. Major) 2 Rot. (Phys. Med. & Rehab. Major) 14 Rot. (Surg. Major)	29377 29375 29381 29312 29374 29315 29379 29378 29386 29314 29380 29313
Leila Y. Post Montgomery Hospital ✦[1-3] 9 Emmett St., Battle Creek	Church	175	7,681	Req	52	12	No	200FM	4 Rotating General	29411
Mercy Hospital [1-3] 960 Agard St., Benton Harbor	NPCorp	161	5,910	Req	40	12	No	225FM	6 Rotating General	90011
Oakwood Hosiptal ✦[1-3] 18101 Oakwood Blvd., Dearborn 8	NPCorp	282	19,733	Req	50	12	182	250	10 Rotating General	94611
Detroit Memorial Hospital ✦[1] 1420 St. Antoine St., Detroit 26	NPCorp	322	10,791	Req	51	12	183	230FM	14 Rotating General	29611
Evangelical Deaconess Hospital ✦[1-3] 3245 E. Jefferson Ave., Detroit 7	Church	185	7,956	Req	35	12	184	202PM	8 Rotating General	29711
Grace Hospital ✦[1-3] 4160 John R. St., Detroit 1	NPCorp	741	28,397	Req	49	12-24	No	250PM	24 Rot. General (12 mo.) 6 Rot. General (24 mo.)	29811 29816
Harper Hospital ✦[1-3] 3825 Brush St., Detroit 1	NPCorp	616	23,979	Req	48	12	183	200	36 Rotating General	29911
Henry Ford Hospital ✦[1-3] 2799 W. Grand Blvd., Detroit 2	NPCorp	806	22,940	Req	63	12	No	200	40 Rotating General	30011
Mount Carmel Mercy Hospital ✦[1-3-4] 6071 W. Outer Dr., Detroit 35	Church	556	23,169	Req	52	12	No	200FM	24 Rotating General	30211
Providence Hospital ✦[1] 2500 W. Grand Blvd., Detroit 8	Church	362	14,342	Req	54	12	185	250PM	12 Rotating General	30311
Receiving Hospital ✦[1]-X42 1326 St. Antoine St., Detroit 26	City	700	20,174	Req	72	12	186	245	66 Rotating General	29511
St. John Hospital ✦[1-3] 22101 Moross Rd., Detroit 36	Church	272	14,000	Req	43	12	No	250FM	12 Rotating General	91511
St. Joseph Mercy Hospital ✦ 2200 E. Grand Blvd., Detroit 11	Church	250	9,200	Req	51	12	187	225FM	9 Rotating General	30411
Sinai Hospital ✦[1-4] 6767 W. Outer Dr., Detroit 35	NPCorp	230	9,355	Req	53	12	183	225FM	15 Rotating General	92611
Woman's Hospital ✦[1-3] 432 E. Hancock Ave., Detroit 1	NPCorp	384	11,430	Req	69	12	188	250PM	12 Rotating General	30511
Wayne County General Hospital and Infirmary ✦[1-3]-x-42 Eloise	County	3,448	12,070	Req	35	12	189	276FM	36 Rotating General	30611
Hurley Hospital ✦[1-3] 6th Ave. and Begole St., Flint 2	City	457	21,460	Req	63	12	No	250PM	30 Rotating General	30711
McLaren General Hospital ✦[1] 401 Ballenger Hwy., Flint 2	NPCorp	250	11,169	Req	53	12	190	250PM	12 Rotating General	80611
St. Joseph Hospital ✦[1-3] 302 Kensington Ave., Flint 2	Church	280	13,907	Req	57	12	No	275FM	12 Rotating General	30811
Blodgett Memorial Hospital ✦[1-3] 1840 Wealthy St., S.E. Grand Rapids 6	NPCorp	314	11,175	Req	70	12	No	200FM	12 Rotating General	30911
Butterworth Hospital ✦[1-3] 300 Bostwick Ave., N. E., Grand Rapids 3	NPCorp	419	16,198	Req	65	12	No	200FM	16 Rotating General	31011
St. Mary's Hospital ✦[1-3] 250 Cherry St., S. E., Grand Rapids 3	Church	330	10,978	Req	50	12	No	200FM	14 Rotating General	31111
Bon Secours Hospital ✦[1-3] 468 Cadieux Rd., Grosse Pointe 30	Church	157	6,504	Req	46	12	188	250FM	6 Rotating General	90611
Highland Park General Hospital ✦[1] 369 Glendale Ave., Highland Park 3	City	338	11,330	Req	46	12	187	250FM	14 Rotating General	31211
Borgess Hospital ✦[1-3] 1521 Gull Rd., Kalamazoo 62	Church	240	8,562	Req	43	12	No	200FM	4 Rotating General	31311
Bronson Methodist Hospital ✦[1] 252 E. Lovell St., Kalamazoo 8	Church	250	8,480	Req	56	12	No	240	6 Rotating General	31411

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MICHIGAN—Continued										
Edward W. Sparrow Hospital +1-3 1215 E. Michigan Ave., Lansing 12	NPCorp	296	13,877	None	59	12	No	300	16 Rotating General	31511
St. Lawrence Hospital +1-3 1210 W. Saginaw St., Lansing 15	Church	275	12,319	None	62	12	No	300FM	12 Rotating General	31611
Midland Hospital 1 4005 Orchard Dr., Midland	NPCorp	153	6,632	Req	61	12	No	250FM	6 Rotating General	96111
Pontiac General Hospital +1-3 461 W. Huron St., Pontiac 18	City	198	12,148	Req	54	12	191	275PM	13 Rotating General	31811
St. Joseph Mercy Hospital +1-3 900 Woodward Ave., Pontiac 19	Church	310	15,190	Req	67	12	No	250FM	12 Rotating General	31911
Saginaw General Hospital +1-3 1447 N. Harrison St., Saginaw	NPCorp	220	9,422	Req	65	12	192	275	6 Rotating General	32011
St. Luke's Hospital +1 705 Cooper St., Saginaw	Church	143	7,116	Req	61	12	No	250PM	6 Rotating General	32111
St. Mary's Hospital + 830 S. Jefferson Ave., Saginaw	Church	175	8,042	Req	46	12	No	310	6 Rotating General	32211
James Decker Munson Hospital 1-3 6th St., Traverse City	NPCorp	191	6,559	Req	50	12	No	225PM	6 Rotating General	32311
MINNESOTA—Hospitals, 14; Internships, 217										
St. Luke's Hosital +1 915 E. 1st St., Duluth 11	NPCorp	355	13,964	Req	72	12	193	75FM	18 Rotating General	32411
St. Mary's Hospital +1-3 429 E. 3rd St., Duluth 11	Church	285	10,856	Req	68	12	193	75FM	12 Rotating General	32511
Minneapolis General Hospital +1-4-X43 619 S. 5th St., Minneapolis 15	City	491	6,896	Req	65	12	No	50FM	32 Rotating General	32911
Mount Sinai Hospital +1-3 737 E. 22nd St., Minneapolis 4	NPCorp	215	9,281	Req	59	12	No	100FM	10 Rotating General	86811
Northwestern Hospital +1-3 810 E. 27th St., Minneapolis 7	NPCorp	258	11,469	Req	64	12	No	175FM	8 Rotating General 1 Straight Medicine 1 Straight Surgery 1 Straight Pediatrics	33011 33032 33033 33034
St. Barnabas Hospital +1-3 920 S. 7th St., Minneapolis 4	Church	274	12,994	Req	62	12	194	195PM	10 Rotating General	33111
St. Mary's Hospital +1-3 2500 S. 6th St., Minneapolis 6	Church	325	14,828	Req	57	12	195	150FM	12 Rotating General	33211
Swedish Hospital +1-3 914 S. 8th St., Minneapolis 4	NPCorp	420	17,390	None	47	12	No	150FM	8 Rotating General	33311
University of Minnesota Hospitals +1-3-4-X43 412 Union St., S. E., Minneapolis 14	State	639	11,900	Req	83	12	196	50FM	12 Rotating General 6 Straight Medicine 9 Straight Surgery 9 Straight Pediatrics	33411 33432 33433 33434
Ancker Hospital +1-3-X43 495 Jefferson Ave., St. Paul 1	CyCo	850	8,337	Req	59	12	No	75FM	26 Rotating General	33511
Bethesda Hospital 1-3 559 Capitol Blvd., St. Paul 1	Church	172	8,850	Req	47	12	197	200FM	6 Rotating General	33611
Charles T. Miller Hospital +1-3 125 W. College Ave., St. Paul 2	NPCorp	360	11,647	Req	58	12	198	100FM	13 Rotating General	33711
St. Joseph's Hospital +1-3 69 W. Exchange St., St. Paul 2	Church	284	11,144	Req	60	12	No	100FM	12 Rotating General	33811
St. Luke's Hospital 1-3 287 N. Smith Ave., St. Paul 2	NPCorp	140	6,452	Req	52	12	199	150FM	4 Rotating General	33911
MISSISSIPPI—Hospitals, 3; Internships, 40										
Mississippi Baptist Hospital +1-3 1190 N. State St., Jackson	Church	308	14,556	Req	28	12	No	100FM	12 Rotating General	34011
University Hospital +1-X44 2500 N. State St., Jackson 2	State	355	.....	Req	55	12	No	200	24 Rotating General	95711
Mercy Hospital-Street Memorial +1-3 900 Crawford St., Vicksburg	Church	142	4,019	Req	33	12	200	100FM	4 Rotating General	34111
MISSOURI—Hospitals, 24; Internships, 414										
St. Louis County Hospital +1-3 601 S. Brentwood Blvd., Clayton 5	County	200	3,670	Req	63	12	No	150FM	10 Rotating General	34211
Kansas City General Hospital No. 1 +1-X32 24th and Cherry Sts., Kansas City 8	City	418	7,600	Req	56	12	No	75FM	30 Rotating General	34311
Menorah Medical Center +1-3-X32 4949 Rockhill Rd., Kansas City 10	NPCorp	333	10,692	Req	64	12	No	250FM	16 Rotating General	34511
Research Hospital +1-3 2300 Holmes St., Kansas City 8	NPCorp	257	7,902	Req	59	12	159	175FM	8 Rotating General	34611
St. Joseph Hospital +1-3 2510 E. Linwood Blvd., Kansas City 28	Church	321	12,968	Req	52	12	No	200FM	12 Rotating General 2 Straight Surgery	34711 34733
St. Luke's Hospital +1-3 4400 J. C. Nichols Pkwy., Kansas City 11	Church	459	13,979	Req	67	12	159	150FM	18 Rotating General	34811
St. Mary's Hospital +1-3 101 Memorial Dr., Kansas City 8	Church	290	10,808	None	58	12	159	150FM	12 Rotating General	34911
Trinity Lutheran Hospital 1-3 3001 Wyandotte St., Kansas City 8	Church	150	6,189	Req	50	12	159	200FM	8 Rotating General	35011
Missouri Methodist Hospital +1 8th and Faraon St., St. Joseph 54	Church	300	8,294	Req	35	12	No	175FM	8 Rotating General	35111
St. Joseph's Hospital 1-3-4 923 Powell St., St. Joseph 19	Church	156	6,005	Req	29	12	No	250FM	4 Rotating General	35211
Barnes Hospital +1-3-X46 600 S. Kingshighway Blvd., St. Louis 10	NPCorp	957	25,585	Req	76	12	No	10FM	10 Str. Med. (Ward) 14 Str. Med. (Private) 14 Straight Surgery 5 Straight Pathology	35332 35331 35333 35336
Christian Hospital 1-3 4411 N. Newstead Ave., St. Louis 15	Church	135	5,021	Req	39	12	No	175FM	5 Rotating General	35411
De Paul Hospital +1-3 2415 N. Kingshighway Blvd., St. Louis 13	Church	350	11,857	Req	43	12	No	150FM	12 Rotating General	35511
Evangelical Deaconess Hospital +1-3 6150 Oakland Ave., St. Louis 10	Church	254	7,219	Req	45	12	201	150FM	8 Rotating General	35611
Homer G. Phillips Hospital +1-4-x46 2601 N. Whittier St., St. Louis 13	City	689	16,878	Req	44	12	No	155	40 Rotating General	35711
Jewish Hospital +1-3-4 216 S. Kingshighway Blvd., St. Louis 10	NPCorp	295	9,775	Req	48	12	No	75FM	15 Rotating General	35811
Lutheran Hospital 1-3 2639 Miami St., St. Louis 18	Church	174	5,958	Req	42	12	No	150FM	12 Mixed (Med.-Surg.-Ob.-Gyn.)	35922
Missouri Baptist Hospital +1-3 919 N. Taylor Ave., St. Louis 8	Church	486	11,072	None	43	12	No	125FM	12 Rotating General 2 Rot. (Med. Major) 2 Rot. (Surg. Major)	36011 36012 36013

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Name of Hospital and Location	Control	Total Beds	Number of Patients Admitted	Outpatient Service	Autopsy Percentage	Length of Program (Months)	Affiliated Service	Beginning Stipend (Month)	Number and Type of Internships	Code Number
MISSOURI—Continued										
St. Anthony's Hospital ✦[1-3]-x45 3520 Chippewa St., St. Louis 18	Church	250	9,081	None	29	12	202	100FM	4 Rotating General	36111
St. John's Hospital ✦[1-3]-x45 307 S. Euclid Ave., St. Louis 10	Church	358	11,359	Req	43	12	No	150FM	18 Rotating General	36211
St. Louis Children's Hospital ✦[1]-X46 500 S. Kingshighway Blvd., St. Louis 10	NPCorp	136	3,834	Req	81	12	208	10FM	8 Straight Pediatrics	99384
St. Louis City Hospital ✦[1-3]-X45-46 1515 Lafayette Ave., St. Louis 4	City	1,059	14,613	Req	57	12	No	142	60 Rotating General	39311
St. Luke's Hospital ✦[1] 5535 Delmar Blvd., St. Louis 12	Church	225	6,726	Req	64	12	No	100FM	11 Rotating General	36411
St. Mary's Group of Hospitals ✦[1-3]-X45 1402 S. Grand Blvd., St. Louis 4	Church	711	19,692	Req	58	12	201	85FM	16 Rotating General 8 Straight Medicine 8 Straight Surgery 2 Straight Pediatrics	36511 36532 36533 36534
MONTANA—Hospitals, 3; Internships, 11										
Butte Community Memorial Hospital ✦[1-3] 400 S. Clark St., Butte	NPCorp	142	4,986	Req	32	12	No	150FM	3 Rotating General	94711
St. James Hospital [3] Silver and Idaho St., Butte	Church	160	5,369	Req	39	12	No	150FM	4 Rotating General	36611
Montana Deaconess Hospital ✦[1-3] 1109 6th Ave., N., Great Falls	Church	198	5,314	Req	39	12	No	100PM	4 Rotating General	36711
NEBRASKA—Hospitals, 9; Internships, 71										
Bryan Memorial Hospital [1-3]-x48 4848 Sumner St., Lincoln 6	Church	120	3,984	Req	61	12	No	200-300FM	4 Rotating General	36811
Lincoln General Hospital ✦[1-3]-x48 2315 S. 17th St., Lincoln 2	NPCorp	173	5,782	Req	43	12	No	200PM	4 Rotating General	36911
St. Elizabeth Hospital ✦[1]-X47 1145 South St., Lincoln 2	Church	250	9,603	Req	43	12	No	250PM	6 Rotating General	37011
Bishop Clarkson Memorial Hospital ✦[1-3]-x48 Dewey Ave., at 44th St., Omaha 5	Church	182	8,552	Req	52	12	204	150FM	10 Rotating General	37111
Creighton Memorial—St. Joseph's Hospital ✦[1]-X47 2315 S. 10th St., Omaha 8	Church	585	15,567	Req	49	12	205	150FM	12 Rotating General	37211
Immanuel Hospital ✦[1]-x48 34th St. and Fowler Ave., Omaha 11	Church	121	5,023	Req	54	12	206	200FM	5 Rotating General	37311
Nebraska Methodist Hospital ✦[1-3]-x48 3612 Cuming St., Omaha 3	Church	257	8,442	None	66	12	207	235PM	10 Rotating General	37411
St. Catherine's Hospital [1]-X47 Forest Ave. and 9th St., Omaha 8	Church	200	8,299	Req	50	12	No	200FM	8 Rotating General	37511
University of Nebraska Hospital ✦[1-3]-X48 42nd St. and Dewey Ave., Omaha 5	State	164	3,620	Req	81	12	208	150PM	12 Rotating General	37611
NEW HAMPSHIRE—Hospitals, 1; Internships, 14										
Mary Hitchcock Memorial Hospital ✦[1]-X49 2 Maynard St., Hanover	NPCorp	274	7,164	Req	80	12	No	80PM	14 Rotating General	37711
NEW JERSEY—Hospitals, 41; Internships, 428										
Atlantic City Hospital ✦[1-3] 26 S. Ohio Ave., Atlantic City	NPCorp	242	8,570	Req	29	12	209	150FM	12 Rotating General	37811
Bayonne Hospital and Dispensary ✦[1-3] 12 E. 30th St., Bayonne	NPCorp	203	6,678	Req	32	12	No	125FM	8 Rotating General	37911
Cooper Hospital ✦[1-3]-X69-x71 6th and Stevens Sts., Camden 3	NPCorp	398	13,814	Req	56	12	No	200FM	12 Rotating General	38011
Our Lady of Lourdes Hospital ✦-x69 1600 Haddon Ave., Camden 3	Church	277	9,103	Req	58	12	No	200FM	10 Rotating General	93311
West Jersey Hospital ✦[1-3] Mt. Ephraim and Atlantic Aves., Camden 4	NPCorp	276	9,042	Req	49	12	No	175FM	9 Rotating General	38111
East Orange General Hospital [3] Central and S. Munn Aves., East Orange	NPCorp	171	5,547	Req	25	12	No	100FM	4 Rotating General	38211
*Alexian Brothers Hospital [3] 655 E. Jersey St., Elizabeth 1	Church	158	4,029	Req	27	12	210	100FM	10 Rotating General	.....
Elizabeth General Hospital and Dispensary [1-3] 925 E. Jersey St., Elizabeth 4	NPCorp	243	10,119	Req	29	12	No	100FM	12 Rotating General	38411
St. Elizabeth Hospital [1-3] 204 S. Broad St., Elizabeth 2	Church	221	5,894	Req	30	12	No	100FM	9 Rotating General	38511
Englewood Hospital ✦[1-3] 350 Engle St., Englewood	NPCorp	270	7,713	Req	31	12	No	100FM	6 Rotating General	38611
Hackensack Hospital ✦[1-3] 22 Hospital Pl., Hackensack	NPCorp	335	13,103	Req	45	12	No	100PM	10 Rotating General	38711
St. Mary's Hospital [1-3] 4th St. and Willow Ave., Hoboken	Church	350	7,325	Req	41	12	No	100FM	13 Rotating General	38811
Christ Hospital ✦[1-3] 176 Palisade Ave., Jersey City 6	Church	320	8,080	Req	32	12	No	100FM	16 Rotating General	38911
Jersey City Hospital ✦[1-3-4] 50 Baldwin Ave., Jersey City 4	City	1,165	17,283	Req	27	12	211	67FM	24 Rotating General 2 Straight Medicine 2 Straight Surgery 1 Straight Pediatrics 1 Straight Pathology	39011 39032 39033 39034 39036
St. Francis Hospital [1] 25 E. Hamilton Pl., Jersey City 2	Church	215	5,077	Req	29	12	211	100FM	9 Rotating General	39111
Monmouth Memorial Hospital ✦[1-3] 3rd and Pavilion Aves., Long Branch	NPCorp	352	9,676	None	55	12	No	100FM	10 Rotating General	39211
Mountainside Hospital ✦[1-3-4] Bay and Highland Aves., Montclair	NPCorp	313	9,952	Req	48	12	No	125FM	12 Rotating General	39311
All Souls Hospital [3] 95 Mount Kemble Ave., Morristown	Church	128	3,838	Req	46	12	No	125FM	3 Rotating General	90711
Morristown Memorial Hospital ✦[1-3] 100 Madison Ave., Morristown	NPCorp	236	8,093	Req	57	12	No	110FM	7 Rotating General	39411
Fitkin Memorial Hospital ✦[1-3] Corlies Ave., Neptune	NPCorp	200	8,990	Req	39	12	No	150FM	8 Rotating General	39511
Harrison S. Martland Medical Center ✦[1-3-4] 116 Fairmount Ave., Newark 7	City	850	13,024	Req	28	12	No	113FM	30 Rotating General	39811
Hospital of St. Barnabas and for Women and Children ✦[1-3] 685 High St., Newark 2	NPCorp	234	7,725	Req	41	12	No	75FM	8 Rotating General	39611
Newark Beth Israel Hospital ✦[1-3-4] 201 Lyons Ave., Newark 8	NPCorp	408	14,347	Req	42	12	No	75FM	13 Rotating General	39711

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NEW JERSEY—Continued										
Presbyterian Hospital ✦[1-3] 27 S. 9th St., Newark 7	NPCorp	252	10,828	Req	36	12	212	100FM	6 Rotating General	87211
St. Michael's Hospital ✦[1-3] 306 High St., Newark 2	Church	403	13,745	Req	46	12	No	125FM	12 Rotating General	39911
St. Peter's General Hospital ✦[1-3] 260 Easton Ave., New Brunswick	Church	192	8,767	Req	64	12	No	135FM	6 Rotating General	40011
Orange Memorial Hospital ✦[1-3] 188 S. Essex Ave., Orange	NPCorp	338	9,713	Req	50	12	No	125FM	8 Rotating General	40111
Bergen Pines County Hospital ✦[1-3] E. Ridgewood Ave., Paramus	County	603	3,499	Req	42	12	211	100FM	20 Rotating General	90811
Passaic General Hospital ✦[3] 350 Boulevard, Passaic	NPCorp[1]	250	9,324	Req	35	12	No	100FM	5 Rotating General	40211
St. Mary's Hospital ✦[1-3] 211 Pennington Ave., Passaic	Church	192	6,705	Req	49	12	No	100FM	5 Rotating General	40311
Barnert Memorial Hospital ✦[1-3] 680 Broadway, Paterson 4	NPCorp	142	6,991	Req	38	12	No	100FM	6 Rotating General	40411
Paterson General Hospital ✦[1-3] 528 Market St., Paterson 3	NPCorp	347	11,081	Req	38	12	No	100FM	12 Rotating General	40511
St. Joseph Hospital ✦[1-3] 703 Main St., Paterson 3	Church	442	11,800	Req	32	12	No	100FM	12 Rotating General	40611
Perth Amboy General Hospital [3] 530 New Brunswick Ave., Perth Amboy	NPCorp	352	13,521	None	35	12	No	100FM	14 Rotating General	87311
Muhlenberg Hospital [1-3-4] Park Ave. and Randolph Rd., Plainfield	NPCorp	334	13,940	Req	35	12	No	100FM	10 Rotating General	40711
Somerset Hospital [1-3] Rehill Ave., Somerville	NPCorp	171	7,942	Req	40	12	No	150FM	7 Rotating General	98411
Overlook Hospital ✦[1-3] 193 Morris Ave., Summit	NPCorp	251	8,469	Req	50	12	No	125FM	12 Rotating General	40811
Holy Name Hospital ✦[1-3] 718 Teaneck Rd., Teaneck	Church	200	8,129	Req	47	12	No	150FM	8 Rotating General	40911
Mercer Hospital ✦[1-3] 446 Bellevue Ave., Trenton 8	NPCorp	254	9,076	Req	48	12	No	150FM	9 Rotating General	41011
St. Francis Hospital ✦[1-3] 601 Hamilton Ave., Trenton 9	Church	359	11,334	Req	39	12	No	150FM	10 Rotating General	41111
William McKinley Memorial Hospital [1-3] 750 Brunswick Ave., Trenton 8	NPCorp	184	6,423	Req	33	12	No	180FM	5 Rotating General	41211
NEW MEXICO—Hospitals, 1; Internships, 6										
Bernalillo County-Indian Hospital [1-3] 2211 Lomas Blvd., N.E., Albuquerque	County	186	4,705	Req	55	12	No	250FM	6 Rotating General	96211
NEW YORK—Hospitals, 104; Internships, 1,730										
Albany Hospital ✦[1-3-4-X50] New Scotland Ave., Albany 8	NPCorp	620	18,760	Req	61	12	No	135PM	24 Rotating General 5 Straight Medicine 8 Straight Surgery	41411 41432 41433
Memorial Hospital [1-3] 161 N. Pearl St., Albany 7	NPCorp	137	3,690	Req	35	12	No	130FM	5 Rotating General	41511
St. Peter's Hospital ✦[3] 632 New Scotland Ave., Albany 8	Church	275	7,750	Req	58	12	213	200FM	8 Rotating General	41611
Binghamton City Hospital ✦[1-3] Mitchell and Park Aves., Binghamton	City	397	11,266	Req	41	12	No	125FM	8 Rotating General	41811
Lawrence Hospital ✦[1-3] 55 Palmer Ave., Bronxville 8	NPCorp	201	5,940	Req	44	12	No	150FM	8 Rotating General	91611
Beth-El Hospital ✦[1-3] Linden Blvd. and Rockaway Pkwy., Brooklyn 12	NPCorp	263	9,861	Req	32	12	No	100FM	16 Rotating General 2 Straight Surgery	41911 41933
Brooklyn Hospital ✦[1-3-X57] 121 De Kalb Ave., Brooklyn 1	NPCorp	338	9,621	Req	43	12	No	150FM	14 Rotating General	42011
Coney Island Hospital ✦[1-3-4] Ocean Pkwy. and Ave. Z, Brooklyn 35	City	253	6,952	Req	27	12	No	71FM	15 Rotating General	42211
Cumberland Hospital ✦[1-3-4-x57] 39 Auburn Pl., Brooklyn 5	City	307	7,884	Req	32	12	No	71FM	6 Rotating General 2 Straight Medicine 2 Straight Surgery 2 Straight Pediatrics	42311 42332 42333 42334
Greenpoint Hospital ✦[1-3-4-x57] Kingsland and Skillman Aves., Brooklyn 11	City	281	7,240	Req	22	12	No	71FM	12 Rotating General	42411
Jewish Hospital ✦[1-3-4-X57] 555 Prospect Pl., Brooklyn 38	NPCorp	491	15,457	Req	43	12	No	50FM	30 Rotating General 2 Straight Medicine 3 Straight Pediatrics	42511 42532 42534
Kings County Hospital ✦[1-3-4-X57] 451 Clarkson Ave., Brooklyn 3	City	3,287	57,755	Req	29	12	No	71FM	108 Rotating General 26 Straight Medicine 10 Straight Surgery 5 Straight Pediatrics 1 Straight Pathology	42611 42632 42633 42634 42636
Long Island College Hospital ✦[1-3-X57] 340 Henry St., Brooklyn 1	NPCorp	396	11,548	Req	46	12	No	125PM	16 Rotating General 2 Straight Medicine 1 Straight Surgery	42711 42732 42733
Maimonides Hospital ✦[1-3-X57] 4802 10th Ave., Brooklyn 19	NPCorp	463	13 078	Req	32	12	No	35FM	24 Rotating General 7 Straight Medicine	42811 42832
Methodist Hospital ✦[1-3-x57] 506 6th St., Brooklyn 15	Church	352	10,723	Req	34	12	No	150FM	12 Rotating General 2 Straight Medicine 1 Straight Surgery 1 Straight Pediatrics 1 Straight Pathology	42911 42932 42933 42934 42936
Norwegian Lutheran Deaconesses' Home and Hospital ✦[1-3] 4520 4th Ave., Brooklyn 20	Church	205	6,531	Req	68	12	No	110PM	6 Rotating General	43011
Prospect Heights Hospital [1-3] 775 Washington Ave., Brooklyn 38	NPCorp	170	5,501	Req	29	12	No	100PM	4 Rotating General	87411
St. Catherine's Hospital ✦[1-3] 133 Bushwick Ave., Brooklyn 6	Church	282	7,380	Req	32	12	No	125FM	10 Rotating General	43111
St. John's Episcopal Hospital ✦[1-3] 480 Herkimer St., Brooklyn 13	Church	251	7,538	Req	49	12	No	160FM	9 Rotating General 1 Straight Medicine 3 Straight Surgery 1 Straight Pediatrics	43211 43232 43233 43234
St. Mary's Hospital ✦[1-3] 1298 St. Marks Ave., Brooklyn 13	Church	237	5,846	Req	34	12	No	100FM	8 Rotating General	43311
St. Peter's Hospital [3] 380 Henry St., Brooklyn 1	Church	207	4,500	Req	33	12	No	100FM	10 Rotating General	96711
Unity Hospital ✦[1-3] 1545 St. Johns Pl., Brooklyn 13	NPCorp	210	6,597	Req	23	12	No	100FM	8 Rotating General	43411

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NEW YORK—Continued										
Wyckoff Heights Hospital ✦1-3	NPCorp	258	8,050	Req	16	12	No	100FM	8 Rotating General	43511
374 Stockholm St., Brooklyn 37										
Allied Hospitals of the Sisters of Charity ✦1-3..	Church	611	21,115	Req	32	12	No	225FM	18 Rotating General	44111
(Sisters of Charity and Emergency Hospitals)										
2157 Main St., Buffalo 14										
Buffalo General Hospital ✦1-3-4-X51	NPCorp	646	16,367	Req	52	12	214	150-200FM	18 Rotating General	43611
100 High St., Buffalo 3									3 Straight Medicine	43632
									3 Straight Surgery	43633
Children's Hospital ✦1-3	NPCorp	260	11,166	Req	81	12	No	100FM	6 Straight Pediatrics	96534
219 Bryant St., Buffalo 22										
Deaconess Hospital ✦1-3	NPCorp	277	10,380	Req	33	12	215	250FM	12 Rotating General	43711
563 Riley St., Buffalo 8										
Edward J. Meyer Memorial Hospital ✦1-4-X51	County	1,007	11,813	Req	46	12	No	208PM	24 Rotating General	43811
462 Grider St., Buffalo 15										
Mercy Hospital ✦1-3	Church	360	12,300	Req	73	12	No	200-225FM	20 Rotating General	43911
565 Abbott Rd., Buffalo 20										
Millard Fillmore Hospital ✦1-3-4-x51	NPCorp	473	19,271	Req	47	12	214	230	15 Rotating General	44011
875 Lafayette Ave., Buffalo 9										
Sisters of Charity Hospital	See Allied Hospitals of the Sisters of Charity									
Buffalo 14										
Mary Imogene Bassett Hospital ✦1-3-X50-53	NPCorp	112	3,215	Req	66	12	No	110PM	8 Rotating General	44211
Atwell Rd., Cooperstown									1 Straight Medicine	44232
Elmhurst General Hospital ✦1-3-4	City	961	11,068	Req	30	12	No	71FM	22 Rotating General	49111
79-01 Broadway, Elmhurst (Flushing)										
(Replacing New York City Hospital)										
Arnot Ogden Memorial Hospital ✦1-3	NPCorp	194	6,986	Req	50	12	No	200FM	4 Rotating General	44311
Roe Ave., Elmira										
St. Joseph's Hospital ✦1-3	Church	230	8,343	None	36	12	No	200-300PM	4 Rotating General	44411
555 E. Market St., Elmira										
Flushing Hospital and Dispensary ✦1-3-4	NPCorp	313	12,009	Req	43	12	No	150FM	12 Rotating General	44511
44-14 Parsons Blvd., Flushing 55										
Community Hospital 1-3	NPCorp	183	7,836	Req	36	12	No	200FM	8 Rotating General	44611
St. Andrews Lane, Glen Cove										
Glens Falls Hospital ✦1-3	NPCorp	240	10 640	Req	34	12	No	200FM	6 Rotating General	44711
100 Park St., Glens Falls										
Meadowbrook Hospital ✦1-3	County	600	17,291	Req	48	12	No	150FM	32 Rotating General	44811
Bethpage Tpke and Carman Ave., Hempstead										
Jamaica Hospital ✦1-3	NPCorp	268	8,513	Req	21	12	No	125FM	8 Rotating General	44911
89th Ave. and Van Wyck Expwy., Jamaica 18										
Mary Immaculate Hospital ✦1-3-4	Church	295	9,037	Req	29	12	No	150FM	8 Rotating General	45011
152-11 89th Ave., Jamaica 32										
Queens General Hospital ✦1-3-4	City	1,247	13,,34	Req	34	12	No	71FM	42 Rotating General	45111
82-68 164th St., Jamaica 32										
Charles S. Wilson Memorial Hospital ✦1-3	NPCorp	450	12 942	Req	35	12	No	175PM	12 Rotating General	45211
33 Harrison St., Johnson City									2 Straight Medicine	45232
									2 Straight Surgery	45233
Our Lady of Victory Hospital ✦3	Church	260	9,019	Req	34	12	No	150FM	8 Rotating General	45311
800 Ridge Rd., Lackawanna 18										
St. John's Long Island City Hospital ✦3	Church	224	5,813	Req	25	12	No	100FM	16 Rotating General	45411
2501 Jackson Ave., Long Island City 1										
Nassau Hospital ✦1-3	NPCorp	302	12,712	Req	55	12	No	150FM	6 Rotating General	45511
1st St., Mineola										
Northern Westchester Hospital 1-3	NPCorp	145	5,157	Req	39	12	No	100FM	4 Rotating General	45611
E. Main St., Mount Kisco										
Mount Vernon Hospital ✦1-3	NPCorp	220	8,525	Req	39	12	No	100FM	12 Rotating General	45711
12 N. 7th Ave., Mount Vernon										
St. Luke's Hospital 1-3-4	NPCorp	194	7,062	Req	34	12	No	150FM	8 Rotating General	45811
70 Dubois St., Newburgh										
Long Island Jewish Hospital ✦1-3	NPCorp	214	7,432	Req	79	12	No	50FM	12 Rotating General	96311
270-05 76th Ave., New Hyde Park										
New Rochelle Hospital ✦1-3-4	NPCorp	306	9,915	Req	37	12	No	200FM	10 Rotating General	45911
16 Guion Pl., New Rochelle										
Bellevue Hospital Center ✦1-3-4-X53-54-56	City	2,611	47,009	Req	37	12	...	71FM		
1st Ave. and 27th St., New York 16										
First Medical Division—										
Columbia University ✦1-3	.....	...	.....	Req	..	12	No	71FM	12 Mixed (Med.-Chest-Surg. or Path.)	40907
Dr. Dickinson W. Richards, Jr.										
First Surgical Division—										
Columbia University ✦1-3	.....	...	.....	Req	..	12	No	71FM	4 Rot. (Surg. Major)	46113
Dr. Kenneth Lewis									2 Straight Surgery	46133
Second Medical Division—										
Cornell University ✦1-3	.....	...	.....	Req	..	12	281	71FM	24 Straight Medicine	46232
Dr. Thomas P. Almy									2 Mixed (Med.-Path.)	46227
Second Surgical Division—										
Cornell University ✦1-3	.....	...	.....	Req	..	12	No	71FM	7 Straight Surgery	46333
Dr. Cranston W. Holman										
Third Medical Division—										
New York Univ. Col. of Med. ✦1-3	.....	...	.....	Req	..	12	No	71FM	12 Straight Medicine	46432
Dr. William S. Tillett									4 Mixed (Med.-Surg.)	46424
Third Surgical Division—										
New York Univ. Col. of Med. ✦1-3	.....	...	.....	Req	..	12	No	71FM	6 Straight Surgery	46533
Dr. John H. Mulholland									4 Mixed (Surg.-Med.)	46524
Third Division, Dept. of Pathology—	.....	...	.....	....	..	12	No	71FM		
New York Univ. Col. of Med. ✦1									1 Straight Pathology	36036
Dr. Marvin Kuschner										
Third Division, Dept. of Pediatrics—										
New York Univ. Col. of Med. ✦1-3	.....	...	.....	Req	..	12	No	71FM	8 Straight Pediatrics	92934
Dr. L. Emmett Holt, Jr.										
Fourth Medical Division—										
New York Univ. Post-Graduate Medical School ✦1-3	.....	...	.....	Req	..	12	217	71FM	11 Straight Medicine	40832
Dr. Charles F. Wilkinson, Jr.										
Fourth Surgical Division—										
New York Univ. Post-Graduate Medical School ✦1-3-4	.....	...	.....	Req	..	12	No	71FM	8 Straight Surgery	46733
Dr. J. William Hinton										
Beth David Hospital ✦1-3	NPCorp	169	5,600	Req	34	12	No	70FM	14 Rotating General	46901
161 E. 90th St., New York 28										
Beth Israel Hospital ✦1-3-4	NPCorp	357	9,243	Req	37	12	No	95PM	16 Rotating General	47001
10 Nathan D. Perlman Pl., New York 3										
Bronx Hospital ✦1-3-4	NPCorp	329	9,119	Req	36	12	No	50FM	9 Rotating General	47111
1276 Fulton Ave., New York 56										

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Name of Hospital and Location	Control	Total Beds	Number of Patients Admitted	Outpatient Service	Autopsy Percentage	Length of Program (Months)	Affiliated Service	Beginning Stipend (Month)	Number and Type of Internships	Code Number
NEW YORK—Continued										
Bronx Municipal Hospital Center †1-2-4-X52..... Pelham Pkwy. and Eastchester Rd., New York 61	City	511	5,521	Req	40	12	No	71FM	12 Rotating General 14 Straight Medicine 8 Straight Surgery 7 Straight Pediatrics	93111 93132 93133 93134
Columbus Hospital †3..... 227 E. 19th St., New York 3	Church	350	7,250	Req	23	12	No	75FM	14 Rotating General	47211
Fordham Hospital †1-3-4..... Southern Blvd. and Crotona Ave., New York 58	City	414	9,233	Req	29	12	No	71FM	13 Rotating General	47411
French Hospital †1-3..... 330 W. 30th St., New York 1	NPCorp	239	6,753	Req	29	12	218	50FM	10 Rotating General	47511
Harlem Hospital †1-3-4..... 532 Lenox Ave., New York 37	City	798	17,551	Req	28	12	No	71FM	42 Rotating General	47811
Hospital for Joint Diseases †1-3-4..... 1919 Madison Ave., New York 35	NPCorp	280	5,498	Req	28	12	219	50FM	6 Rotating General	47911
Jewish Memorial Hospital †1-3-4..... 196th St. and Broadway, New York 40	NPCorp	185	6,176	Req	33	12	No	75FM	10 Rotating General	48011
Knickerbocker Hospital †1-3..... 70 Convent Ave., New York 27	NPCorp	220	5,570	Req	35	12	220	100FM	6 Rotating General 3 Straight Medicine 3 Straight Surgery 1 Mixed (Med.-Surg.)	48111 48132 48133 48124
Lebanon Hospital †1-3..... 1650 Grand Concourse, New York 57	NPCorp	240	7,072	Req	40	12	No	50FM	13 Rotating General 1 Straight Medicine 1 Straight Surgery	48211 48232 48233
Lenox Hill Hospital †1-3-4..... 111 E. 76th St., New York 21	NPCorp	489	12,183	Req	48	12	221	80PM	22 Rotating General	48311
Lincoln Hospital †1-3-4-x54..... 320 Concord Ave., New York 54	City	404	11,935	Req	33	12	No	71FM	12 Rotating General	48411
Misericordia Hospital †1-3..... 531 E. 86th St., New York 28	Church	183	5,434	Req	40	12	No	75FM	8 Rotating General	48611
Montefiore Hospital †1-3-4-X53..... 210th St. and Bainbridge Ave., New York 67	NPCorp	890	7,385	None	49	12	No	40FM	25 Mixed (Med.-Surg.-Pul.-Neurology-Neoplastic)	48785
Morrisania City Hospital †1-3-4..... 1230 Gerard Ave., New York 52	City	461	11,991	Req	31	12	No	71FM	16 Rotating General	48811
Mother Cabrini Memorial Hospital †1-3..... 611 Edgecombe Ave., New York 32	Church	170	5,093	Req	18	12	No	100FM	6 Rotating General	48911
Mount Sinai Hospital †1-4-X53..... 1 E. 100th St., New York 29	NPCorp	1,002	24,244	....	62	12	No	25FM	33 Rotating General 8 Straight Surgery	49011 49033
New York City Hospital..... Welfare Island, New York 17 (Replaced by Elmhurst General Hospital, Elmhurst (Flushing)										
New York Hospital †1-3-4-X54..... 525 E. 68th St., New York 21	NPCorp	1,097	24,335	Req	63	12	No	92PM	16 Straight Medicine 15 Straight Surgery 4 Straight Pediatrics 2 Straight Pathology	49232 49233 49234 49236
New York Infirmary †2-3..... Stuyvesant Sq. E. and 15th St., New York 3	NPCorp	180	.....	Req	67	12	No	75FM	7 Rotating General	87511
New York Polyclinic Medical School and Hospital †1-3-4..... 345 W. 50th St., New York 19	NPCorp	394	9,041	Req	49	12	No	75FM	8 Rotating General	49411
Presbyterian Hospital †1-4-X53..... 622 W. 168th St., New York 32	NPCorp	1,524	36,429	Req	62	12	No	208	12 Straight Medicine 12 Straight Surgery 3 Straight Pathology	49532 49533 49536
Roosevelt Hospital †1-4-X53..... 428 W. 59th St., New York 19	NPCorp	430	9,508	Req	37	12	No	83PM	6 Mixed (Med.-Ped.-Surg.) 6 Mixed (Surg.-Gyn.-Med.)	49623 49672
St. Clare's Hospital †1-3..... 415 W. 51st St., New York 19	Church	452	9,806	None	38	12	No	175PM	13 Rotating General 1 Straight Medicine 2 Straight Surgery	49711 49732 49733
St. Francis Hospital †1-3..... 525 E. 142nd St., New York 54	Church	381	8,512	Req	27	12	No	100FM	12 Rotating General	49811
St. Luke's Hospital †1-3-4-X53..... 421 W. 113th St., New York 25	NPCorp	567	10,099	Req	62	12	No	50FM	8 Mixed (9 mo. Med.-3 mo. Surg.) 8 Mixed (9 mo. Surg.-3 mo. Med.) 2 Straight Pediatrics	49983 49984 49634
St. Vincent's Hospital †1-3-x56..... 153 W. 11th St., New York 11	Church	686	15,920	Req	46	12	221	80FM	21 Rotating General 2 Straight Medicine 6 Straight Surgery	50011 50032 50033
Sydenham Hospital †1-3-4..... 565 Manhattan Ave., New York 27	City	220	5,389	None	32	12	No	71FM	9 Rotating General	50111
Mount St. Mary's Hospital 1-3..... 515 6th St., Niagara Falls	Church	190	5,730	Req	62	12	222	200-250FM	4 Rotating General	50311
Niagara Falls Memorial Hospital 1-3..... 621 10th St., Niagara Falls	NPCorp	304	10,967	....	35	12	222	200FM	8 Rotating General	93511
United Hospital †1-3..... 406 Boston Post Rd., Port Chester	NPCorp	225	7,018	Req	37	12	No	200FM	8 Rotating General	50411
St. Francis Hospital 1-3..... North Rd., Poughkeepsie	Church	186	6,614	Req	39	12	No	200FM	6 Rotating General	50511
Genesee Hospital †1-3-x58..... 224 Alexander St., Rochester 7	NPCorp	252	9,630	Req	68	12-24	No	125-135	8 Rot. General (12 mo.) 4 Rot. General (24 mo.) 1 Straight Medicine 2 Straight Surgery 1 Straight Pathology	50711 50716 50732 50733 50736
Highland Hospital †1-3-x58..... South Ave. at Bellevue Dr., Rochester 20	NPCorp	241	8,564	Req	64	12	No	75FM	9 Rotating General 3 Straight Surgery	50811 50833
Rochester General Hospital †1-3-4-x58..... 501 W. Main St., Rochester 8	NPCorp	332	13,316	Req	85	12	223	100-150FM	20 Rotating General 2 Straight Medicine 2 Straight Surgery	50911 50932 50933
St. Mary's Hospital †1-3-x58..... 89 Genesee St., Rochester 11	Church	335	14,122	Req	57	12	No	175FM	18 Rotating General	51011
Strong Memorial—Rochester Municipal Hospitals †1-3-4-X58..... 260 Crittenden Blvd., Rochester 20	NPCorpCy	701	18,673	Req	75	12-24	224	15-30FM	12 Rot. General (24 mo.) 12 Straight Medicine 8 Straight Surgery 4 Straight Pediatrics 4 Straight Pathology 4 Mixed (Surg.-Ob.-Gyn.)	51116 51132 51133 51134 51136 51126
Ellis Hospital †1-3-X50..... 1101 Nott St., Schenectady 8	NPCorp	359	13,221	Req	52	12	No	125FM	14 Rotating General	51211
St. Clare's Hospital 1-3..... 600 McClellan St., Schenectady 4	Church	203	7,973	Req	39	12	No	150FM	6 Rotating General	51311
St. Vincent's Hospital †1-3..... 355 Bard Ave., Staten Island 10	Church	256	9,287	Req	26	12	No	100FM	8 Rotating General	51411
Staten Island Hospital †1-3..... 101 Castleton Ave., Staten Island 1	NPCorp	215	7,755	Req	43	12	No	100FM	8 Rotating General	51511

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Name of Hospital and Location	Control	Total Beds	Number of Patients Admitted	Outpatient Service	Autopsy Percentage	Length of Program (Months)	Affiliated Service	Beginning Stipend (Month)	Number and Type of Internships	Code Number
NEW YORK—Continued										
General Hospital ✦[1-3]-x59 116 E. Castle St., Syracuse 5	NPCorp	129	5,651	Req	34	12	No	167	3 Mixed (Med.-Surg.-Ob.-Gyn.)	51722
St. Joseph's Hospital ✦[1-3]-x59 301 Prospect Ave., Syracuse 3	Church	304	11,682	Req	34	12	No	167PM	13 Rotating General	51811
State University of New York Upstate Medical Center Hospitals (University Hospital of the Good Shepherd, Crouse-Irving and Memorial Hospitals) ✦[1-3]-X59 766 Irving Ave., Syracuse 10	NPCorp	697	25,596	Req	43	12	No	167	20 Rotating General 5 Straight Medicine 2 Straight Surgery 3 Straight Pediatrics 4 Mixed (Med.-Surg.)	51611 51632 51633 51634 51624
Leonard Hospital [3] 41 114th St., Troy	NPAssn	163	5,816	Req	32	12	No	175FM	7 Rotating General	96911
St. Mary's Hospital [3] 87 Oakwood Ave., Troy	Church	217	6,333	Req	27	12	No	175FM	6 Rotating General	51911
Samaritan Hospital ✦[1-3] Peoples and Burdett Aves., Troy	NPCorp	166	6,606	Req	47	12	No	200FM	8 Rotating General	52011
Grasslands Hospital ✦[1-3-4] Valhalla	County	611	4,915	Req	53	12	No	150FM	18 Rotating General	53111
White Plains Hospital ✦[1-3] 41 E. Post Rd., White Plains	NPCorp	201	6,921	Req	48	12	No	150FM	6 Rotating General	52311
St. John's Riverside Hospital ✦[1-3] 65 Ashburton Ave., Yonkers	NPCorp	214	6,380	Req	27	12	No	120FM	8 Rotating General	52411
St. Joseph's Hospital [1-3] 127 S. Broadway, Yonkers	Church	167	4,133	Req	32	12	No	100FM	8 Rotating General	52511
Yonkers General Hospital [1-3] 127 Ashburton Ave., Yonkers	NPCorp	143	5,145	Req	32	12	No	100FM	7 Rotating General	52611
NORTH CAROLINA—Hospitals, 14; Internships, 196										
Memorial Mission Hospital of Western North Carolina [1] 509 Biltmore Ave., Asheville	NPCorp	350	10 308	Req	32	12	225	100FM	8 Rotating General	94911
North Carolina Memorial Hospital ✦[1-3]-X60 Chapel Hill	State	309	7,333	Req	64	12	226	135	12 Straight Medicine 8 Straight Surgery 3 Straight Pediatrics 2 Straight Pathology 7 Mixed (Med.-Ped.)	90031 90033 90034 90036 90048
Charlotte Memorial Hospital ✦[1-4] 1400 Scott Ave., Charlotte 3	NPCorp	351	13,225	Req	70	12	No	200FM	10 Rotating General	52711
Mercy Hospital ✦[1-3] 2000 E. 5th St., Charlotte 4	Church	280	10,163	Req	40	12	No	200FM	6 Rotating General	95011
Duke Hospital ✦[1-3-4]-X61 Durham	NPCorp	559	16,505	Req	59	12	227	25FM	24 Straight Medicine 16 Straight Surgery 10 Straight Pediatrics 4 Straight Pathology 4 Mixed (Ob.-Ped.)	52932 52933 52934 52936 52988
Lincoln Hospital ✦[1-3] 1301 Fayetteville St., Durham	NPCorp	108	2,611	Req	31	12	No	150FM	4 Rotating General	53011
Watts Hospital ✦[1-3] Broad St. and Club Blvd., Durham	NPCorp	249	9,390	Req	39	12	No	150FM	8 Rotating General 2 Straight Medicine 3 Mixed (Med.-Surg. Ob.-Gyn.)	87711 87732 87722
Moses H. Cone Memorial Hospital ✦[1-3] 1200 N. Elm St., Greensboro	NPCorp	310	8,669	Req	66	12	No	150FM	4 Rotating General	94311
Rex Hospital ✦[1] 1311 St. Mary's St., Raleigh	NPCorp	310	13,227	Req	44	12	No	150FM	12 Rotating General	53211
St. Agnes Hospital ✦[1] Oakwood Ave. and Tarboro St., Raleigh	Church	100	2,892	Req	9	12	No	200FM	4 Rotating General	53311
James Walker Memorial Hospital [1-3] 10th and Rankin Sts., Wilmington	NPCorp	250	10,358	Req	24	12	No	100FM	8 Rotating General	53411
City Memorial Hospital ✦[1] 1 Hospital St., Winston-Salem 4	City	294	11,803	Req	39	12	No	250PM	15 Rotating General	53511
Kate Bitting Reynolds Memorial Hospital ✦[1] 1101 E. 7th St., Winston-Salem 4	City	177	5,414	Req	38	12	No	250FM	6 Rotating General	53611
North Carolina Baptist Hospital ✦[1-3]-X62 300 S. Hawthorne Rd., Winston-Salem 7	Church	371	12,816	Req	61	12-24	No	83PM	7 Straight Medicine 3 Straight Surgery 3 Straight Pediatrics 1 Straight Pathology 2 Mixed (Ob.-Gyn.-Ped.) 24 mo.	53732 53733 53734 53736 53708
NORTH DAKOTA—Hospitals, 4; Internships, 22										
St. John's Hospital [1-3] 365 6th Ave. S., Fargo	Church	175	6,418	Req	52	12	No	150FM	6 Rotating General	87011
St. Luke's Hospital ✦[3] 727 Broadway, Fargo	NPCorp	179	7,106	....	53	12	No	175FM	8 Rotating General	53911
Grand Forks Deaconess Hospital [1-3] 212 S. 4th St., Grand Forks	NPCorp	150	6,645	Req	60	12	No	175FM	4 Rotating General	54011
Trinity Hospital [1] 13 4th Ave., S.W., Minot	NPCorp	175	6,208	Req	70	12	No	100FM	4 Rotating General	94711
OHIO—Hospitals, 51; Internships, 743										
Akron City Hospital ✦[1-3] 525 E. Market St., Akron 9	NPCorp	485	18,046	Req	38	12	228	200FM	24 Rotating General	54111
Akron General Hospital ✦[1] 400 Wabash Ave., Akron 7	NPCorp	331	11,416	Req	51	12	228	200FM	24 Rotating General	54211
St. Thomas Hospital ✦[1-3] 444 N. Main St., Akron 10	Church	253	9,587	Req	54	12	No	200FM	12 Rotating General	54311
Barberton Citizens Hospital [1-3] Tuscora Park, Barberton	NPCorp	223	7,488	Req	62	12	No	200-250FM	12 Rotating General	96111
Aultman Hospital ✦[1-3] 625 Clarendon Ave., S.W., Canton 10	NPCorp	394	14,812	Req	55	12	No	250PM	14 Rotating General	54411
Mercy Hospital ✦[1-3] Market Ave. and 8th St. N.W., Canton 2	Church	302	13,357	Req	46	12	No	125FM	16 Rotating General	54511
Bethesda Hospital ✦[1-3] Oak St. and Reading Rd., Cincinnati 6	Church	230	9,916	Req	39	12	229	150FM	8 Rotating General 2 Mixed (Med.-Ob.-Surg.)	54611 54609
Christ Hospital ✦[1] 2139 Auburn Ave., Cincinnati 19	Church	356	11,348	Req	50	12	230	175FM	13 Rotating General	54711
Cincinnati General Hospital ✦[1-3-4]-X63 3231 Burnet Ave., Cincinnati 29	City	810	15,615	Req	63	12	231	15FM	52 Rotating General	54811

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OHIO—Continued										
Deaconess Hospital ✦[1-3] Clifton Ave. and Straight St., Cincinnati 20	NPCorp	159	5,384	Req	30	12	232	125FM	6 Rotating General	54011
Good Samaritan Hospital ✦[1-3] 3217 Clifton Ave., Cincinnati 20	Church	591	18,661	None	46	12	No	200FM	16 Rotating General	55011
Jewish Hospital ✦[1-3] Burnet Ave., Cincinnati 29	NPCorp	385	14,933	Req	56	12	No	125FM	16 Rotating General	55111
St. Mary's Hospital ✦[3] 816 Betts St., Cincinnati 9	Church	204	5,296	Req	41	12	No	200FM	11 Rotating General	55211
City Hospital ✦[1-3-4]-X64 3395 Scranton Rd., Cleveland 9	City	882	10,411	Req	53	12	No	80FM	30 Rotating General	55311
Cleveland Clinic Hospital ✦[1-3] 2020 E. 93rd St., Cleveland 6	NPCorp	357	11,550	Req	63	12	No	100FM	12 Rotating General	90811
Evangelical Deaconess Hospital ✦[1-3] 4229 Pearl Rd., Cleveland 9	Church	201	10,275	None	35	12	No	100FM	10 Rotating General	90911
Fairview Park Hospital ✦[1-3] 18101 Lorain Ave., Cleveland 11	Church	202	8,018	....	33	12	No	100FM	9 Rotating General	55411
Huron Road Hospital ✦[1-3] 13951 Terrace Rd., Cleveland 12	NPCorp	283	11,618	Req	42	12	No	200FM	10 Rotating General	57111
Lutheran Hospital ✦[1-3] 2609 Franklin Blvd., Cleveland 13	Church	189	7,606	None	55	12	233	180-235PM	12 Rotating General	55611
Mount Sinai Hospital ✦[1-4] 1800 E. 105th St., Cleveland 6	NPCorp	348	14,131	Req	54	12	No	150FM	18 Rotating General	55711
St. Alexis Hospital ✦[1-3] 5163 Broadway, Cleveland 27	Church	291	10,748	Req	34	12	No	175-250PM	8 Rotating General	55811
St. John's Hospital ✦[1-3] 7911 Detroit Ave., Cleveland 2	Church	266	8,789	Req	37	12	No	150FM	7 Rotating General	55911
St. Luke's Hospital ✦[1-3-4] 11311 Shaker Blvd., Cleveland 4	Church	448	17,617	Req	54	12	No	100FM	27 Rotating General	56011
St. Vincent Charity Hospital ✦[1-3] 2222 Central Ave., Cleveland 15	Church	306	9,660	Req	50	12	234	200PM	15 Rotating General	56111
University Hospitals ✦[1]-X64 2065 Adelbert Rd., Cleveland 6	NPCorp	734	22,034	Req	73	12	No	100PM	16 Rotating General 12 Straight Medicine 8 Straight Surgery 4 Straight Pediatrics 2 Straight Pathology	56211 5623' 56233 56234 56236
Grant Hospital ✦[3] 125 S. Grant Ave., Columbus 15	NPCorp	260	10,570	None	42	12	235	200FM	12 Rotating General	56411
Mount Carmel Hospital ✦[1] 793 W. State St., Columbus 22	Church	400	15,749	None	50	12	235	200FM	18 Rotating General	56511
University Hospitals ✦[1-4]-X65 10th and Perry Sts., Columbus 10	State	592	19,787	Req	75	12	236	125PM	24 Rotating General 12 Rot. (Med. Major) 12 Rot. (Surg. Major)	56611 56612 56613
White Cross Hospital ✦[1-3] 700 N. Park St., Columbus 8	Church	330	13,908	Req	44	12	235	225	14 Rotating General	56711
Good Samaritan Hospital ✦[1-3] 1425 W. Fairview Ave., Dayton 6	Church	400	14,610	Req	40	12	No	200PM	12 Rotating General	56811
Miami Valley Hospital ✦[1-3-4] 1 Wyoming St., Dayton 9	NPCorp	629	19,847	Req	44	12	No	225PM	16 Rotating General	56911
St. Elizabeth Hospital ✦[1] Miami Blvd. W., Dayton 8	Church	452	15,072	Req	35	12	No	125FM	16 Rotating General	57011
Elyria Memorial Hospital ✦[1-3] 630 E. River St., Elyria	NPCorp	240	8,190	Req	42	12	No	140FM	4 Rotating General	90111
Euclid-Glenville Hospital ✦[1-3] E. 185th St., and Lake Erie, Euclid 19	NPCorp	186	7,540	Req	34	12	No	100FM	10 Rotating General	55511
Marymount Hospital ✦[1-3] 12300 McCracken Rd., Garfield Heights 25	Church	190	7,668	Req	40	12	No	150FM	10 Rotating General	57211
Mercy Hospital ✦[1-3] 116 Dayton St., Hamilton	Church	300	12,615	Req	41	12	No	150FM	8 Rotating General	57311
Lakewood Hospital ✦[1-3] 14519 Detroit Ave., Lakewood 7	City	272	10,417	Req	41	12	No	175FM	6 Rotating General	57411
Lima Memorial Hospital ✦[1] Linden and Mobel Sts., Lima	NPCorp	275	10,053	Req	34	12	No	250FM	10 Rotating General	57511
St. Rita's Hospital ✦[1-3] 801 W. High St., Lima	Church	281	12,050	Req	44	12	237	225PM	12 Rotating General	57611
Mercy Hospital [1] 1343 N. Fountain Blvd., Springfield	Church	305	9,192	Req	56	12	No	175FM	8 Rotating General	87811
Springelfld City Hospital ✦[1] 2615 E. High St., Springfield	City	249	8,674	Req	49	12	No	175FM	9 Rotating General	57711
Ohio Valley Hospital [3] 380 Summit Ave., Steubenville	NPCorp	209	8,832	Req	31	12	238	225FM	8 Rotating General	92711
Flower Hospital [1-3] 3349 Cherry St., Toledo 12	NPCorp	167	7,264	Req	36	12	235	250FM	5 Rotating General	57811
Maumee Valley Hospital ✦[1-3] 2025 Arlington Ave., Toledo 9	County	314	3,974	Req	61	12	No	200FM	8 Rotating General	57911
Mercy Hospital ✦[1-3] 2221 Madison Ave., Toledo 2	Church	275	12,078	Req	53	12	No	250FM	14 Rotating General	58011
Riverside Hospital [1-3] 1609 Summit St., Toledo 11	NPCorp	166	5,628	Req	41	12	No	200FM	6 Rotating General	58111
St. Charles Hospital ✦[1-3] Wheeling and Navarre Sts., Toledo 5	Church	201	7,106	Req	42	12	No	250FM	8 Rotating General	95111
St. Vincent's Hospital ✦[1-3] 2213 Cherry St., Toledo 8	Church	438	16,494	Req	37	12	239	200FM	15 Rotating General	58211
Toledo Hospital ✦[1-3] 2142 N. Cove Blvd., Toledo 6	NPCorp	278	12,016	Req	69	12	No	200FM	12 Rotating General	58311
St. Elizabeth Hospital ✦[1-3] 1044 Belmont Ave., Youngstown 4	Church	330	13,631	Req	30	12	No	200FM	10 Rotating General	58411
Youngstown Hospital ✦[1-3-4] Oak Hill and Francis St., Youngstown 1 Gypsy Lane at Goleta Ave., Youngstown 4	NPCorp	700	25,171	Req	68	12	No	150FM	18 Rotating General	58511
OKLAHOMA—Hospitals, 6; Internships, 79										
Mercy Hospital—Oklahoma City General 501 N. W. 12th St., Oklahoma City 3	Church	142	6,972	Req	40	12	112	100PM	8 Rotating General	58611
St. Anthony Hospital ✦-x66 601 N. W. 9th St., Oklahoma City 3	Church	387	15,579	Req	32	12	No	100FM	15 Rotating General	58711
University of Oklahoma Hospitals ✦[1-4]-X66 800 N. E. 13th St., Oklahoma City 4	State	457	9,285	Req	56	12	240	75PM	18 Rotating General 2 Mixed (Med. Major) 2 Mixed (Surg. Major) 2 Mixed (Ob.-Gyn. Major) 2 Mixed (Ped. Major)	58811 58893 58894 58895 58896
Wesley Hospital ✦[1]-x66 300 N. W. 12th St., Oklahoma City 3	Part	200	9,860	Req	48	12	112	100FM	8 Rotating General	59011

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Name of Hospital and Location	Control	Total Beds	Number of Patients Admitted	Outpatient Service	Autopsy Percentage	Length of Program (Months)	Affiliated Service	Beginning Stipend (Month)	Number and Type of Internships	Code Number
OKLAHOMA—Continued										
Hillcrest Medical Center ✦[1] 1653 E. 12th St., Tulsa 20	NPCorp	350	17,000	Req	35	12	No	100FM	12 Rotating General	59111
St. John's Hospital ✦[1-3] 1923 S. Utica St., Tulsa 4	Church	460	22,714	Req	30	12	No	150FM	10 Rotating General	59211
OREGON—Hospitals, 7; Internships, 100										
Sacred Heart General Hospital [1] 751 E. 12th Ave., Eugene	Church	270	12,783	Req	72	12	No	150FM	8 Rotating General	59811
Emanuel Hospital ✦[1-3] 2801 N. Gantenbein Ave., Portland 12	Church	431	17,589	Req	59	12	No	250PM	14 Rotating General	59411
Good Samaritan Hospital ✦[1-3] 1015 N. W. 22nd Ave., Portland 10	Church	447	13,244	None	70	12	No	250	16 Rotating General 1 Straight Pathology	59511 59536
Portland Sanitarium and Hospital [1] 932 S. E. 60th Ave., Portland 15	Church	176	8,968	None	46	12	No	100PM	8 Rotating General	59011
Providence Hospital ✦[1-3] 700 N. E. 47th Ave., Portland 13	Church	285	10,005	Req	65	12	241	250PM	13 Rotating General	59711
St. Vincent's Hospital ✦[1-3] 2447 N. W. Westover Rd., Portland 10	Church	355	13,715	Req	46	12	242	250PM	12 Rotating General	59611
University of Oregon Medical School Hospitals and Clinics ✦[1-4]-X67 3181 S. W. Sam Jackson Park Rd., Portland 1	State Co.	463	8,505	Req	75	12	No	75FM	28 Rotating General	59911
PENNSYLVANIA—Hospitals, 76; Internships, 928										
Abington Memorial Hospital ✦[1-3-4] 1200 Old York Rd., Abington	NPCorp	303	9,900	Req	39	12	No	150FM	14 Rotating General	60011
Allentown Hospital ✦[1] 17th and Chew Sts., Allentown	NPCorp	503	14,348	Req	62	12	No	200FM	14 Rotating General	60111
Sacred Heart Hospital ✦[1-3] 4th and Chew Sts., Allentown	Church	391	9,482	Req	38	12	No	200FM	10 Rotating General	60211
Altoona Hospital [1-3] 7th St. and Howard Ave., Altoona	NPCorp	322	10,013	Req	41	12	No	300PM	12 Rotating General	60311
Mercy Hospital [1] 2601 8th Ave., Altoona	NPCorp	174	5,937	Req	32	12	No	200FM	4 Rotating General	60411
St. Luke's Hospital ✦[1-3-4] 801 Ostrum St., Bethlehem	NPCorp	363	11,185	Req	51	12	No	200FM	12 Rotating General	60511
Bryn Mawr Hospital ✦[1-3] Bryn Mawr Ave., Bryn Mawr	NPCorp	358	10,904	Req	64	12	No	175FM	12 Rotating General	60611
Chester Hospital ✦[1-3-4] 9th and Barclay Sts., Chester	NPCorp	278	9,140	Req	68	12	No	250FM	8 Rotating General	60711
Geo. F. Geisinger Memorial Hospital and Foss Clinic ✦[1-3-4] Danville	NPCorp	270	10,331	Req	62	12	No	150FM	12 Rotating General	60811
Thomas M. Fitzgerald—Mercy Hospital ✦[1-3]-x71 Lansdowne Ave. and Baily Rd., Darby	Church	334	11,682	Req	51	12	No	200FM	14 Rotating General	60911
Easton Hospital ✦[1-3-4] 21st and Lehigh Sts., Easton	NPCorp	257	9,006	Req	33	12	No	200FM	6 Rotating General	61011
Hamot Hospital ✦[1-3] 4 E. 2nd St., Erie 6	NPCorp	382	12,320	Req	44	12	No	150-200FM	10 Rotating General	61111
St. Vincent's Hospital ✦[1-3] 2420 Sassafras St., Erie 6	NPCorp	306	11,937	Req	39	12	No	200FM	10 Rotating General	61211
Westmoreland Hospital ✦[1-3] 532 W. Pittsburgh St., Greensburg	NPCorp	261	9,432	None	34	12	248	300FM	4 Rotating General	61311
Harrisburg Hospital ✦[1-3-4]-X68 Front and Mulberry Sts., Harrisburg	NPCorp	492	15,339	Req	52	12	No	200FM	15 Rotating General	61411
Harrisburg Polyclinic Hospital ✦[1] 3rd and Radnor Sts., Harrisburg	NPCorp	454	11,915	Req	50	12	No	200FM	16 Rotating General	61511
Conemaugh Valley Memorial Hospital [1-3] 1086 Franklin St., Johnstown	NPCorp	356	15,140	Req	36	12	No	225FM	10 Rotating General	61611
Nesbitt Memorial Hospital [1] 562 Wyoming Ave., Kingston	NPCorp	200	6,814	Req	28	12	No	300FM	4 Rotating General	95211
Lancaster General Hospital ✦[1] 525 N. Duke St., Lancaster	NPCorp	450	13,884	Req	40	12	No	200FM	12 Rotating General	61811
St. Joseph's Hospital ✦[1] College Ave. and Walnut St., Lancaster	Church	265	8,053	Req	54	12	No	200FM	6 Rotating General	61911
McKeesport Hospital [1] 1500 5th Ave., McKeesport	NPCorp	445	13,964	Req	31	12	No	250FM	10 Rotating General	62011
Montgomery Hospital [1-3] Powell and Fornance Sts., Norristown	NPCorp	187	7,745	Req	30	12	No	250FM	6 Rotating General	62111
Sacred Heart Hospital ✦[1-3] 1430 De Kalb St., Norristown	Church	175	5,581	Req	45	12	No	250FM	2 Rotating General	62211
Albert Einstein Medical Center Northern Division ✦[1-3]-X70 York and Tabor Rds., Philadelphia 41	NPCorp	394	13,843	Req	52	12	No	75FM	18 Rotating General	63111
Southern Division ✦[1-3-4]-X68 1429 S. 5th St., Philadelphia 47	NPCorp	292	9,684	Req	53	12	No	75FM	15 Rotating General	63711
Chestnut Hill Hospital ✦[1] 8835 Germantown Ave., Philadelphia 18	NPCorp	134	5,335	Req	45	12	No	250FM	4 Rotating General	91011
Episcopal Hospital ✦[1-4]-X70 Front St. and Lehigh Ave., Philadelphia 25	NPCorp	453	9,796	Req	47	12	No	150FM	12 Rotating General	62311
Frankford Hospital ✦[1-3] 4900 Frankford Ave., Philadelphia 24	NPCorp	188	6,712	Req	50	12	No	200FM	8 Rotating General	62411
Germantown Dispensary and Hospital ✦[1]-X69-x72 E. Penn and Wister Sts., Philadelphia 44	NPCorp	313	9,961	Req	36	12	No	100FM	12 Rotating General	62511
Graduate Hospital of the University of Pennsylvania ✦[1-3-4] 19th and Lombard Sts., Philadelphia 46	NPCorp	350	8,589	Req	57	12	244	75FM	12 Rotating General	62611
Hahnemann Medical College and Hospital ✦[1]-X68 230 N. Broad St., Philadelphia 2	NPCorp	568	14,128	Req	50	12	No	50FM	24 Rotating General	62711
Hospital of the University of Pennsylvania ✦[1-4]-X71 3400 Spruce St., Philadelphia 4	NPCorp	804	21,870	Req	68	12	No	42FM	32 Rotating General	62811
Hospital of the Woman's Medical College of Pennsylvania ✦[1]-X72 3300 Henry Ave., Philadelphia 29	NPCorp	200	6,043	Req	67	12	No	100FM	8 Rotating General	62911
Jefferson Medical College Hospital ✦[3-4]-X69 10th and Sansom Sts., Philadelphia 7	NPCorp	950	19,135	Req	51	12	No	25FM	44 Rotating General	63011
Lankenau Hospital ✦[1]-X69 Lancaster Ave. and City Line, Philadelphia 31	NPCorp	338	10,775	Req	48	12	No	75FM	12 Rotating General	63211
Memorial Hospital [1-3]-x72 5800 Ridge Ave., Philadelphia 28	NPCorp	153	4,828	Req	41	12	245	250FM	4 Rotating General	63311

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PENNSYLVANIA—Continued										
Methodist Episcopal Hospital ✦[1]-X69 Broad and Wolf Sts., Philadelphia 48	Church	240	5,835	Req	30	12	No	150FM	8 Rotating General	63511
Misericordia Hospital ✦[1] 54th and Cedar Ave., Philadelphia 43	Church	281	9,355	Req	39	12	No	200FM	10 Rotating General	63611
Nazareth Hospital ✦[1] 8050 Holme Ave., Philadelphia 15	Church	220	9,026	Req	53	12	246	200FM	8 Rotating General	63811
Pennsylvania Hospital ✦[1-3-4]-X69-71 8th and Spruce Sts., Philadelphia 7	NPCorp	436	11,922	Req	57	12	247	FM	18 Rotating General	63911
Philadelphia General Hospital ✦[1-3-4]-X68-69-70-71-72 34th St. and Curie Ave., Philadelphia 4	City	1,965	22,611	Req	50	12	No	55FM	107 Rotating General	64011
Presbyterian Hospital ✦[1-4]-X71 51 N. 39th St., Philadelphia 4	Church	329	8,655	Req	66	12	No	100FM	12 Rotating General	64111
St. Agnes Hospital [1-3]-x68 1900 S. Broad St., Philadelphia 45	Church	843	8,897	Req	37	12	No	250FM	10 Rotating General	64211
St. Joseph's Hospital ✦[1-3-4] 16th St. and Girard Ave., Philadelphia 30	Church	199	5,629	Req	52	12	No	250FM	6 Rotating General	64311
St. Luke's and Children's Medical Center ✦[1]-x68 Franklin and Thompson Sts., Philadelphia 22	NPCorp	238	7,037	Req	26	12	No	250FM	8 Rotating General	64411
Temple University Hospital ✦[1]-X70 3401 N. Broad St., Philadelphia 40	NPCorp	501	15,478	Req	54	12	248	25FM	30 Rotating General	64611
Woman's Hospital ✦[1-3]-X72 Preston and Parrish Sts., Philadelphia 4	NPCorp	153	5,584	Req	45	12	No	150FM	2 Rotating General 1 Rot. (Med. Major) 1 Mixed (Surg.-Med.)	64711 64712 64724
Allegheny General Hospital ✦[1-4]-X73 320 E. North Ave., Pittsburgh 12	NPCorp	582	15,308	Req	44	12	No	182FM	18 Rotating General	64811
Mercy Hospital ✦[1-3]-X73 1400 Locust St., Pittsburgh 19	NPCorp	655	14,290	Req	36	12	No	150FM	24 Rotating General	64911
Montefiore Hospital ✦[1-3-4] 3459 5th Ave., Pittsburgh 13	NPCorp	320	10,328	Req	48	12	No	200FM	12 Rotating General	65011
Pittsburgh Hospital ✦[1-3] 6655 Frankstown Ave., Pittsburgh 6	NPCorp	225	7,132	Req	29	12	No	300FM	6 Rotating General	65111
Presbyterian Hospital ✦[1-3]-X73 230 Lothrop St., Pittsburgh 13	NPCorp	255	5,487	Req	58	12	249	50FM	20 Rotating General	65211
St. Francis General Hospital and Rehabilitation Institute ✦[1-3-4]-X73 408 45th St., Pittsburgh 1	NPCorp	683	14,837	Req	42	12	No	200FM	18 Rotating General	88111
St. John's General Hospital ✦[1-3] 3339 McClure Ave., Pittsburgh 12	NPCorp	207	6,331	Req	36	12	No	200FM	5 Rotating General	65411
St. Joseph's Hospital and Dispensary [1] 2117 Carson St., Pittsburgh 3	Church	170	5,148	Req	43	12	No	350FM	6 Rotating General	65511
St. Margaret Memorial Hospital ✦[1-3] 265 46th St., Pittsburgh 1	Church	151	3,842	Req	56	12	No	200FM	4 Rotating General	65611
Shadyside Hospital ✦[1-3] 5230 Centre Ave., Pittsburgh 32	NPCorp	301	8,394	Req	52	12	No	230PM	12 Rotating General	65711
South Side Hospital ✦[1-3] S. 20th and Jane Sts., Pittsburgh 3	NPCorp	318	9,195	Req	27	12	No	250FM	9 Rotating General	65811
Western Pennsylvania Hospital ✦[1-3-4] 4800 Friendship Ave., Pittsburgh 24	NPCorp	553	15,106	Req	53	12	No	200FM	18 Rotating General	65911
Community General Hospital ✦[1-3] 145 N. 6th St., Reading	NPCorp	174	6,107	Req	37	12	No	200FM	5 Rotating General	66011
Reading Hospital ✦[1] 6th and Spruce Sts., Reading	NPCorp	491	12,839	Req	54	12	No	200FM	14 Rotating General	66111
St. Joseph's Hospital ✦[1-3] 1215 Walnut St., Reading	Church	208	6,841	Req	58	12	No	250FM	6 Rotating General	66211
Robert Packer Hospital ✦[1-3]-X68 S. Wilbur Ave., Sayre	NPCorp	340	12,071	Req	60	12	No	125FM	10 Rotating General	66411
Scranton State Hospital ✦[1] 201 Mulberry St., Scranton 3	State	200	6,427	Req	27	12	No	258FM	10 Rotating General	66611
Sewickley Valley Hospital [1-3] Blackburn Rd., Sewickley	NPCorp	225	7,412	Req	25	12	No	275FM	8 Rotating General	66711
Sharon General Hospital ✦ 740 E. State St., Sharon	NPCorp	253	10,433	Req	24	12	No	100FM	5 Rotating General	93811
Allegheny Valley Hospital [1-3] 1301 Carlisle St., Tarentum	NPCorp	220	8,233	Req	38	12	250	225FM	6 Rotating General	93611
Uniontown Hospital [1-3] 500 W. Berkeley St., Uniontown	NPCorp	245	8,485	Req	30	12	No	300FM	5 Rotating General	66811
Washington Hospital [1] 155 Wilson Ave., Washington	NPCorp	204	7,111	Req	38	12	No	250FM	8 Rotating General	66911
Chester County Hospital ✦[1] Boot Rd., West Chester	NPCorp	155	4,794	Req	34	12	No	250FM	6 Rotating General	88211
Mercy Hospital ✦[1-3-4] 196 Hanover St., Wilkes-Barre	Church	191	6,239	Req	29	12	No	300FM	6 Rotating General	67011
Wilkes-Barre General Hospital ✦[1-3] N. River and Auburn Sts., Wilkes-Barre	NPCorp	376	10,121	Req	29	12	No	200FM	10 Rotating General	67111
Columbia Hospital ✦[1] 312 Penn Ave., Wilkinsburg	NPCorp	191	6,642	Req	35	12	No	300FM	6 Rotating General	67211
Divine Providence Hospital [1] 1100 Grampian Blvd., Williamsport	Church	185	5,654	Req	41	12	No	200FM	4 Rotating General	91311
Williamsport Hospital ✦[1] 777 Rural Ave., Williamsport 20	NPCorp	312	9,126	Req	41	12	No	200FM	8 Rotating General	67311
York Hospital ✦[1] S. George St., and Rathton Rd., York	NPCorp	344	11,852	Req	34	12	No	200FM	10 Rotating General	67411
RHODE ISLAND—Hospitals, 6; Internships, 58										
Newport Hospital [1-3] Friendship St., Newport	NPCorp	196	5,903	Req	31	12	No	100-150FM	6 Rotating General	67511
Memorial Hospital ✦[1-3] Prospect St., Pawtucket	NPCorp	220	7,984	Req	37	12	No	200FM	8 Rotating General	67611
Miriam Hospital ✦[1-3] 164 Summit Ave., Providence 6	NPCorp	150	5,399	Req	34	12	216	200FM	8 Rotating General	95311
Rhode Island Hospital ✦[1-3-4] 593 Eddy St., Providence 2	NPCorp	527	16,053	Req	48	24	251	75FM	18 Rotating General	67711
Roger Williams General Hospital ✦[1-3] 825 Chalkstone Ave., Providence 8	NPCorp	211	7,359	Req	29	12	No	200FM	6 Rotating General	67811
St. Joseph's Hospital [1] 21 Peace St., Providence 7	Church	310	7,933	Req	25	12	170	150FM	12 Rotating General	67911
SOUTH CAROLINA—Hospitals, 6; Internships, 98										
Roper Hospital ✦[1-3]-X74 300 Calhoun St., Charleston 16	NPCorp	450	14,263	Req	48	12	No	125FM	30 Rotating General	68011
Columbia Hospital of Richland County ✦[1-3] 2020 Hampton Ave., Columbia 4	County	444	14,297	Req	35	12	No	150FM	18 Rotating General	68111

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SOUTH CAROLINA—Continued										
McLeod Infirmary ✦[1] 121 W. Cheves St., Florence	NPCorp	202	8,378	Req	33	12	No	200FM	5 Rotating General	68211
Greenville General Hospital ✦[1-3] 100 Mallard St., Greenville	CyCo	540	18,584	Req	40	12	No	175-225PM	24 Rotating General	68311
Orangeburg Regional Hospital ✦[1-3] 550 Carolina Ave., N. E., Orangeburg	County	200	7,550	Req	29	12	No	150FM	6 Rotating General	68411
Spartanburg General Hospital ✦[3] 855 N. Church St., Spartanburg	County	370	15,118	Req	32	12	No	150FM	15 Rotating General	68511
SOUTH DAKOTA—Hospitals, 3; Internships, 23										
McKennan Hospital [1-3]-X75 800 E. 21st St., Sioux Falls	Church	190	7,155	None	37	12	No	150FM	7 Rotating General	68611
Sioux Valley Hospital [1-3]-X75 1123 S. Euclid Ave., Sioux Falls	NPCorp	210	9,095	None	35	12	No	150FM	10 Rotating General	68711
Sacred Heart Hospital ✦[1-3]-X75 W. 4th St., Yankton	Church	220	5,433	Req	38	12	No	150FM	6 Rotating General	68811
TENNESSEE—Hospitals, 15; Internships, 256										
Baroness Erlanger Hospital ✦[1-3-4] 261 Wiehl St., Chattanooga 3	CyCo	464	16,755	Req	39	12	No	125FM	12 Rotating General 2 Mixed (Med.-Ob.-Ped.)	69011 69050
*Holston Valley Community Hospital [1] W. Ravine St., Kingsport	NPCorp	245	11,402	Req	25	12	No	250FM	8 Rotating General	.....
East Tennessee Baptist Hospital ✦[1-3] Blount Ave., Knoxville 10	Church	254	11,674	Req	32	12	252	250FM	12 Rotating General	69011
Fort Sanders Presbyterian Hospital [1-3] 1909 W. Clinch Ave., Knoxville 16	Church	189	8,283	....	28	12	253	250FM	8 Rotating General	69111
*Knoxville General Hospital ✦[1] Cleveland Pl., Knoxville 17	City	285	8,432	Req	24	12	No	128FM	12 Rotating General	.....
St. Mary's Memorial Hospital ✦[1-3] Oak Hill Ave., Knoxville 17	Church	285	10,777	Req	41	12	252	200PM	12 Rotating General	69311
Baptist Memorial Hospital ✦[1-3] 899 Madison Ave., Memphis 3	Church	571	23,509	Req	41	12	254	125FM	26 Rotating General 3 Straight Medicine 6 Straight Surgery	69411 69432 69433
*John Gaston Hospital (City of Memphis Hospitals) ✦[1-3-4]-X76 860 Madison Ave., Memphis 3	City	526	21,709	Req	55	12	No	75-100FM	39 Rotating General	.....
Methodist Hospital ✦ 1265 Union Ave., Memphis 4	Church	282	13,972	Req	39	12	255	125FM	12 Rotating General	69611
*St. Joseph Hospital ✦[1-3] 264 Jackson Ave., Memphis 5	Church	280	12,208	Req	45	12	No	125-150FM	12 Rotating General	.....
Baptist Hospital ✦[1-3] 2000 Church St., Nashville 3	Church	242	12,021	Req	32	12	No	150FM	12 Rotating General	69911
George W. Hubbard Hospital ✦[1-3-4]-X77 1005 18th Ave. N., Nashville 8	Church	197	5,375	Req	51	12	No	100FM	12 Rotating General	69811
Nashville General Hospital ✦[1-3] Hermitage Ave., Nashville 10	City	166	5,243	Req	28	12	No	150FM	12 Rotating General	70011
Nashville-Vanderbilt Affiliated Hospitals (Baptist Hospital, St. Thomas Hospital, Veterans Admin. Hospital, Vanderbilt University Hospital) X78 Apply—Department of Medicine Vanderbilt University School of Medicine, 21st Ave. S. at Edgehill, Nashville 5	.....	...	.....	Req	..	12	...	170FM	8 Straight Medicine	95832
St. Thomas Hospital ✦[1-3] 2000 Hayes St., Nashville 4	Church	220	9,615	Req	30	12	256	175FM	7 Rotating General 2 Straight Medicine 3 Straight Surgery 3 Mixed (Med.-Surg.)	70111 70132 70133 70124
Vanderbilt University Hospital ✦[1-3]-X78 21st Ave. S. at Edgehill, Nashville 5	NPAssn	375	11,783	Req	57	12	No	25FM	12 Straight Medicine 12 Straight Surgery 7 Straight Pediatrics 2 Straight Pathology	70232 70233 70234 70236
TEXAS—Hospitals, 22; Internships, 349										
Brackenridge Hospital ✦[1]-x80 15th St. and East Ave., Austin 1	City	200	6,870	Req	50	12	No	150PM	13 Rotating General	70411
Memorial Hospital [1] 2606 Hospital Blvd., Corpus Christi	CyCo	252	10,060	Req	24	12	No	100FM	5 Rotating General	70511
Baylor University Hospital ✦[1-3]-x79 3500 Gaston Ave., Dallas 4	Church	600	28,566	Req	38	12	257	115FM	25 Rotating General 1 Straight Medicine 1 Straight Surgery	70611 70632 70633
Children's Medical Center ✦[1-3-4]-X79 2306 Welborn St., Dallas 19	NPCorp	154	3,537	Req	56	12	258	50FM	6 Straight Pediatrics	95511
Methodist Hospital ✦[1-3]-x79 301 W. Colorado Blvd., Dallas 22	Church	288	15,957	Req	33	12	No	100FM	16 Rotating General	70711
Parkland Memorial Hospital ✦[1-3-4]-X79 5201 Harry Hines Blvd., Dallas 19	Dist	700	11,675	Req	43	12	No	25FM	24 Rotating General 8 Straight Medicine	70811 70832
St. Paul's Hospital ✦[1-3]-x79 3121 Bryan St., Dallas 1	Church	388	17,348	Req	51	12	No	100FM	14 Rotating General 1 Straight Medicine 1 Rot. (Med. Major) 1 Rot. (Surg. Major)	70911 70932 70913 70913
El Paso General Hospital 4815 Alameda Ave., El Paso	CyCo	240	4,124	Req	68	12	No	100FM	8 Rotating General	71011
Hotel Dieu, Sisters' Hospital ✦[3] 1014 N. Stanton St., El Paso	Church	218	9,114	Req	36	12	No	150FM	6 Rotating General	95411
Harris Hospital ✦[1-3] 1300 W. Cannon St., Fort Worth 4	Church	328	16,290	Req	37	12	No	200FM	16 Rotating General	71211
John Peter Smith Hospital ✦[1-3-4] 1500 S. Main St., Fort Worth 4	CyCo	200	4,927	Req	46	12	No	50FM	13 Rotating General	71111
St. Joseph's Hospital ✦[1-3] 1401 S. Main St., Fort Worth 4	Church	300	12,829	Req	36	12	No	200FM	18 Rotating General	71311
University of Texas Medical Branch Hospitals ✦[1-3]-X80 8th and Mechanic Sts., Galveston	State	898	13,901	Req	62	12	No	110FM	36 Rotating General	71411
Baylor University College of Medicine Hospitals, Houston Jefferson Davis Hospital ✦[1-3-4]-X81 1801 Buffalo Dr., Houston 3	CyCo	521	13,939	Req	47	12	259	50FM	30 Rotating General 4 Straight Medicine 4 Straight Surgery 4 Straight Pediatrics	71611 71632 71633 71634
Methodist Hospital ✦[1-3]-X81 6516 Bertner Ave., Houston 25	Church	300	13,533	Req	66	12	260	195	8 Rotating General 2 Straight Medicine 2 Straight Surgery	71711 71732 71733

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TEXAS—Continued										
Hermann Hospital +[1]-X81 1203 Ross Sterling Ave., Houston 25	NPCorp	625	25,209	Req	38	12	No	75FM	17 Rotating General	71511
St. Joseph's Hospital +[3] 1910 Crawford St., Houston 3	Church	416	21,130	Req	43	12	No	100-150PM	6 Rotating General	71811
Robert B. Green Memorial Hospital +[1-3-4]-x80 515 Morales St., San Antonio 7	Dist	661	9,301	Req	59	12	No	100FM	29 Rotating General	72211
Santa Rosa Hospital +[1-3] 745 W. Houston St., San Antonio 7	Church	370	13,708	Req	42	12	No	150-200FM	14 Rotating General	72311
Kings Daughters Hospital +[1-3-4] 302 S. 22nd St., Temple	NPCorp	110	2,422	Req	34	12	No	150FM	4 Rotating General	72411
Scott and White Memorial Hospitals +[1-3-4] 213 W. Ave. G., Temple	NPCorp	201	7,224	Req	49	12	261	150FM	8 Rotating General	72511
Providence Hospital [1-3] 1725 Colcord St., Waco	Church	205	6,493	Req	35	12	No	200FM	4 Rotating General	88811
UTAH—Hospitals, 6; Internships, 70										
St. Benedict's Hospital +[1-3] 300 Polk Ave., Ogden	Church	170	5,461	Req	65	12-24	No	150FM	8 Rotating General	72711
Thomas D. Dee Memorial Hospital +[1-3] 2440 Harrison Blvd., Ogden	Church	228	9,533	Req	50	12	262	200	8 Rotating General	72811
Dr. W. H. Groves Latter-Day Saints Hospital +[1-3] 325 8th Ave., Salt Lake City 3	Church	341	17,595	Req	37	12	No	150FM	16 Rotating General	72911
Holy Cross Hospital +[1-3]-x82 1045 E. 1st South St., Salt Lake City 2	Church	187	8,641	Req	57	12	No	150FM	6 Rotating General	73011
St. Mark's Hospital +[1-3]x82 803 N. 2nd West St., Salt Lake City 16	Church	250	9,756	Req	32	12-24	No	150FM	8 Rot. General (12 mo.) 4 Rot. General (24 mo.)	73111 73116
Salt Lake County General Hospital +[1]-X82 2033 S. State St., Salt Lake City 15	County	220	4,021	Req	83	12	263	100FM	13 Rotating General 4 Straight Medicine 3 Straight Pediatrics	73211 73232 73234
VERMONT—Hospitals, 2; Internships, 21										
DeGoesbriand Memorial Hospital +[1-3]-X83 1 S. Prospect St., Burlington	Church	200	6,021	Req	51	12	No	100FM	9 Rotating General	73411
Mary Fletcher Hospital +[1-3-4]-X83 Colchester Ave., Burlington	NPCorp	219	7,024	Req	82	12	No	50FM	12 Rotating General	73511
VIRGINIA—Hospitals, 16; Internships, 193										
Alexandria Hospital +[1-3] 709 Duke St., Alexandria	NPCorp	186	9,111	Req	43	12	No	125FM	8 Rotating General	73611
University of Virginia Hospital +[1-3]-X84 Charlottesville	State	483	14,067	Req	54	12	264	50FM	12 Rotating General 12 Straight Medicine 8 Straight Surgery	73711 73732 73733
Chesapeake and Ohio Hospital +[1-3] Ridgeway St., Clifton Forge	NPCorp	210	6,630	Req	40	12	No	100FM	2 Straight Medicine	89232
Memorial Hospital +[1-3] 142 S. Main St., Danville	NPCorp	275	12,106	Req	44	12	No	300FM	8 Rotating General	89311
Lynchburg General Hospital +[3] 701 Hollins St., Lynchburg	City	156	6,108	Req	44	12	No	150FM	1 Rot. (Med. Major) 1 Rot. (Surg. Major)	73812 73813
Mary Immaculate Hospital [3] Blair and Buxton Aves., Newport News	Church	150	5,548	Req	37	12	No	150FM	5 Rotating General	89411
Riverside Hospital +[3] 245 50th St., Newport News	NPCorp	204	9,489	None	48	12	No	200FM	12 Rotating General	73911
De Paul Hospital +[1-3] Kingsley Lane and Granby St., Norfolk 5	Church	259	11,453	Req	52	12	No	150FM	12 Rotating General	74011
Norfolk General Hospital +[1-3] Raleigh and Colley Aves., Norfolk 7	NPCorp	301	15,684	Req	57	12	No	160FM	12 Rotating General 1 Rot. (Med. Major) 1 Rot. (Surg. Major) 1 Rot. (Ped. Major) 1 Rot. (OB.-Gyn. Major)	74111 74112 74113 74114 74115
Johnston-Willis Hospital +[1] 2908 Kensington Ave., Richmond 21	Corp	225	7,788	Req	49	12	265	200FM	12 Rotating General	74211
Medical College of Virginia Hospital Division +[1-3-4]-X85 (Memorial, Dooley and St. Philip Hospitals) 1200 E. Broad St., Richmond 19	State	887	25,305	Req	46	12	266	50FM	46 Rotating General 2 Straight Medicine 2 Straight Surgery	74311 74332 74333
Stuart Circle Hospital [1-3] 415 Stuart Circle, Richmond 20	Corp	114	3,675	Req	49	12	267	200-250FM	6 Rotating General	74411
Jefferson Hospital +[1-3] 1313 Franklin Rd., Roanoke 16	Corp	151	5,648	Req	56	12	No	150FM	4 Mixed (Surg.-Med.-Ob.)	74699
Lewis Gale Hospital +[1-3] 3rd St. and Luck Ave. S. W., Roanoke 11	Corp	180	6,559	Req	40	12	No	200FM	6 Rotating General	74711
Roanoke Memorial Hospital [1-3] Belleview and Lake Aves., Roanoke 14	NPCorp	162	6,031	Req	58	12	No	150FM	12 Rotating General	74811
Winchester Memorial Hospital [1] S. Stewart St., Winchester	NPCorp	254	8,209	Req	46	12	No	150FM	6 Rotating General	74911
WASHINGTON—Hospitals, 12; Internships, 143										
Doctors Hospital +[1-3]-x86 909 University St., Seattle 1	NPCorp	187	8,919	None	56	12	268	200FM	8 Rotating General	75111
King County Hospital +[1-4]-X86 Unit No. 1 (Harborview), 325 9th Ave., Seattle 4	County	450	11,656	Req	68	12	No	90FM	30 Rotating General 4 Straight Medicine	75211 75232
Providence Hospital +[1-3]-x86 17th and E. Jefferson St., Seattle 22	Church	355	14,618	Req	58	12	No	140-175FM	16 Rotating General	75311
Seattle General Hospital [1-3] 5th Ave. and Marion St., Seattle 4	NPCorp	116	5,114	Req	41	12	268	150FM	5 Rotating General	75411
Swedish Hospital +[1-3]-x86 1212 Columbia St., Seattle 4	NPCorp	302	15,434	Req	49	12	268	75FM	16 Rotating General	75511
Virginia Mason Hospital +[1-3]-x86 1101 Terry Ave., Seattle 1	NPCorp	202	10,010	Req	72	12	268	125FM	10 Rotating General	75611
Deaconess Hospital +[1-3] W. 733 4th Ave., Spokane 4	Church	200	10,285	Req	50	12	No	200FM	10 Rotating General	75711
Sacred Heart Hospital +[3] 101 8th Ave., Spokane 4	Church	489	23,093	Req	36	12	No	200FM	12 Rotating General	75811
St. Luke's Hospital +[1-3] N. 830 Summit Blvd., Spokane 11	NPCorp	267	7,888	Req	33	12	269	200FM	8 Rotating General	75911
Pierce County Hospital [1-4] 3582 Pacific Ave., Tacoma 8	County	216	4,708	Req	40	12	270	200FM	10 Rotating General	76011
St. Joseph's Hospital +[1-3] 1812 S. Eye St., Tacoma 5	Church	219	7,797	Req	44	12	No	230FM	6 Rotating General	76111

Hospitals designated with an asterisk (*) in this listing do not participate in the National Intern Matching Program, sponsored by the American Medical Association, the American Hospital Association, the Association of American Medical Colleges, and other cooperating organizations.

Abbreviations and other references will be found on pages 312 and 313.

Name of Hospital and Location	Control	Total Beds	Number of Patients Admitted	Outpatient Service	Autopsy Percentage	Length of Program (Months)	Affiliated Service	Beginning Stipend (Month)	Number and Type of Internships	Code Number
WASHINGTON—Continued										
Tacoma General Hospital +1-3 315 S. K St., Tacoma 5	NPCorp	215	9,407	....	42	12	271	150-250FM	8 Rotating General	70211
WEST VIRGINIA—Hospitals, 7; Internships, 62										
Charleston General Hospital +1-3 Brooks St. and Elmwood Ave., Charleston 25	NPCorp	240	9,388	Req	41	12	No	200FM	10 Rotating General	70411
Memorial Hospital +1-3 3200 Noyes Ave. S. E., Charleston	NPCorp	240	9,887	Req	58	12	No	200FM	10 Rotating General	90211
St. Mary's Hospital +1-3 2900 1st Ave., Huntington 2	Church	330	13,804	Req	35	12	No	130-180FM	14 Rotating General	70011
Camden-Clark Memorial Hospital +2 717 Ann St., Parkersburg	City	148	5,488	Req	26	12	No	150FM	4 Rotating General	70711
St. Joseph's Hospital 3 1801 Market St., Parkersburg	Church	195	7,500	Req	27	12	No	150FM	4 Rotating General	94411
Ohio Valley General Hospital +1-3 2000 Eoff St., Wheeling	NPCorp	266	10,533	Req	48	12	No	250PM	12 Rotating General	70911
Wheeling Hospital 1-3 109 Main St., Wheeling	Church	245	8,725	Req	35	12	No	250FM	8 Rotating General	77011
WISCONSIN—Hospitals, 22; Internships, 236										
Luther Hospital +1-3 310 Chestnut St., Eau Claire	NPCorp	226	7,360	Req	59	12	No	200FM	6 Rotating General	77111
Mercy Hospital +1-3 566 N. Washington St., Janesville	Church	194	7,100	Req	38	12	No	150FM	5 Rotating General	77311
La Crosse Lutheran Hospital +1-3 1910 South Ave., La Crosse	Church	200	5,809	Req	51	12	No	200FM	4 Rotating General	77411
St. Francis Hospital 1-3 709 S. 10th St., La Crosse	Church	247	8,421	Req	42	12	No	200FM	8 Rotating General	77511
Madison General Hospital +1-3 925 Mound St., Madison 5	NPCorp	348	10,780	None	60	12	No	125-200FM	12 Rotating General	77611
Methodist Hospital +1-3 309 W. Washington Ave., Madison 3	Church	143	4,902	Req	53	12	No	200FM	4 Rotating General	77711
St. Mary's Hospital +1-3 720 S. Brooks St., Madison 5	Church	250	9,829	Req	40	12	No	125FM	10 Rotating General	77811
University Hospitals +1-3-X87 1300 University Ave., Madison 6	State	898	15,221	Req	80	12	No	50FM	30 Rotating General	77911
St. Joseph's Hospital +1 611 St. Joseph's Ave., Marshfield	Church	252	7,544	Req	52	12	No	250FM	7 Rotating General	78011
Columbia Hospital +1-3 3321 N. Maryland Ave., Milwaukee 11	NPCorp	251	7,535	Req	75	12	272	170PM	10 Rotating General	78111
Evangelical Deaconess Hospital +1-3 620 N. 19th St., Milwaukee 3	Church	137	7,035	Req	39	12	273	200FM	10 Rotating General	78211
Milwaukee Children's Hospital +1-3-4-x88 721 N. 17th St., Milwaukee 3	NPCorp	160	5,705	Req	89	12	274	125FM	2 Straight Pediatrics	78334
Milwaukee County Hospital +1-3-4-X88 8700 W. Wisconsin Ave., Milwaukee 13	County	950	20,325	Req	35	12	No	141PM	50 Rotating General	78411
Milwaukee Hospital +1-3-x88 2200 W. Kilbourn Ave., Milwaukee 3	Church	341	10,938	Req	58	12	275	170PM	9 Rotating General	78511
Misericordia Hospital 3 1255 N. 22nd St., Milwaukee 5	Church	175	6,835	Req	66	12	No	200FM	6 Rotating General	89711
Mount Sinai Hospital +1-3 908 N. 12th St., Milwaukee 3	NPCorp	197	8,982	Req	39	12	273	200FM	12 Rotating General	78711
St. Joseph's Hospital +1-3-x88 5000 W. Chambers St., Milwaukee 10	Church	371	15,909	Req	50	12	276	210PM	12 Rotating General	78811
St. Luke's Hospital +1-3 2900 W. Oklahoma Ave., Milwaukee 15	NPCorp	299	12,531	Req	45	12	277	200FM	15 Rotating General	78911
St. Mary's Hospital +3 2320 N. Lake Dr., Milwaukee 11	Church	210	7,823	Req	50	12	278	150FM	10 Rotating General	79011
St. Michael Hospital +1-3 1845 N. 4th St., Milwaukee 12	Church	135	5,034	Req	32	12	279	150FM	6 Rotating General	79111
Mercy Hospital 1 185 Hazel St., Oshkosh	Church	217	7,426	None	37	12	No	250PM	4 Rotating General	79311
St. Mary's Hospital 1-3 Maple Hill, Wausau	Church	230	8,263	Req	44	12	No	200FM	4 Rotating General	79511
CANAL ZONE—Hospitals, 1; Internships, 15										
Gorgas Hospital +1 Ancon Personnel Director, Panama Canal Company, Balboa Heights	Fed	458	9,374	Req	78	12	No	$140.80 US citizens (annual) 2516.80 alien citizens (annual)	15 Rotating General	80611
HAWAII—Hospitals, 3; Internships, 37										
*Kuakini Hospital 1-3 347 N. Kuakini St., Honolulu 17	NPCorp	140	6,577	Req	49	24	280	75FM	11 Rotating General	.....
Queen's Hospital +1 1301 Punchbowl St., Honolulu 9	NPCorp	387	13,845	Req	74	12	No	100FM	14 Rotating General	80811
St. Francis Hospital +1-3 2200 Liliha St., Honolulu 17	Church	224	8,351	Req	55	12	No	75FM	12 Rotating General	80911
PUERTO RICO—Hospitals, 8; Internships, 98										
*Aguadilla District Hospital 1-3 Aguadilla	State	280	5,508	Req	70	12	No	75FM	12 Rotating General	.....
*Arecibo District Hospital 1-3 Lares Rd., Arecibo	State	280	5,908	Req	76	12	No	75FM	10 Rotating General	.....
*Bayamon District Hospital +1-3-x89 Insular Highway No. 2, Bayamon	State	280	6,781	Req	69	12	No	75FM	16 Rotating General	.....
*Fajardo District Hospital 1-3 General Valero Ave., Fajardo	State	279	5,101	Req	44	12	No	75FM	12 Rotating General	.....
*Hospital de Damas 1-3 Concordia St., Ponce	Church	153	4,957	Req	50	12	No	100FM	6 Rotating General	.....
*Municipal Hospital 1-3 Pinero St., Rio Piedras	City	205	6,026	Req	42	12	No	75FM	12 Rotating General	.....
*Presbyterian Hospital 1-3-x89 Ashford Ave., San Juan	NPCorp	132	4,089	Req	27	12	No	75FM	6 Rotating General	.....
*San Juan City Hospital +1-3-X89 De Diego Ave., San Juan	City	340	9,126	Req	30	12	No	75FM	24 Rotating General	.....

Hospitals designated with an asterisk (*) in this listing do not participate in the National Intern Matching Program, sponsored by the American Medical Association, the American Hospital Association, the Association of American Medical Colleges, and other cooperating organizations.

Abbreviations and other references will be found on pages 312 and 313.

HOSPITALS APPROVED FOR INTERNSHIPS IN THE DOMINION OF CANADA

The following list of hospitals that conform to the standards of the Canadian Medical Association is published for the information of graduates interested in an internship appointment in a Canadian hospital. Hospitals that are unqualifiedly approved as conforming to the standards of the Canadian Medical Association may be considered as offering internships equivalent in educational value to those in hospitals approved for intern training by the Council.

This list, revised to Sept. 1, 1955, was furnished by the Canadian Medical Association. (Sept. 1, 1956, revision not yet available.)

Name of Hospital	Location
St. John's General Hospital	St. John's, Nfld.
Camp Hill Hospital	Halifax, N. S.
Halifax Infirmary	Halifax, N. S.
Victoria General Hospital	Halifax, N. S.
Moncton Hospital	Moncton, N. B.
Saint John General Hospital	Saint John, N. B.
Hotel-Dieu St.-Vallier	Chicoutimi, Que.
Children's Memorial Hospital	Montreal, Que.
Herbert Reddy Memorial Hosp.	Montreal, Que.
Hospital Sainte-Jeanne-d'Arc	Montreal, Que.
Hospital Sainte-Justine	Montreal, Que.
Hospital Saint-Luc	Montreal, Que.
Hotel Dieu de Montreal	Montreal, Que.
Jewish General Hospital	Montreal, Que.
Montreal General Hospital	Montreal, Que.
Notre-Dame Hospital	Montreal, Que.
Queen Elizabeth Hospital	Montreal, Que.
Queen Mary Veteran's Hospital	Montreal, Que.
Royal Victoria Hospital	Montreal, Que.
St. Mary's Hospital	Montreal, Que.
Hospital de l'Enfant Jesus	Quebec, Que.
Jeffery Hale's Hospital	Quebec, Que.
L'Hotel-Dieu, Quebec	Quebec, Que.
Saint-Sacrament Hospital	Quebec, Que.
Veteran's Hospital	Quebec, Que.
Ste. Anne's Hospital	Ste. Anne de Bellevue, Que.
Sherbrooke Hospital	Sherbrooke, Que.
Hospital General de Verdun	Verdun, Que.
Brantford General Hospital	Brantford, Ont.
McKellar General Hospital	Fort William, Ont.
Hamilton General Hospital	Hamilton, Ont.
St. Joseph's Hospital	Hamilton, Ont.
Hotel Dieu Hospital	Kingston, Ont.
Kingston General Hospital	Kingston, Ont.
Kitchener-Waterloo Hospital	Kitchener, Ont.
St. Joseph's Hospital	London, Ont.
Victoria Hospital	London, Ont.
Westminster Hospital	London, Ont.
Oshawa General Hospital	Oshawa, Ont.
Ottawa Civic Hospital	Ottawa, Ont.
Ottawa General Hospital	Ottawa, Ont.
Peterborough Civic Hosp.	Peterborough, Ont.
General Hosp. of Port Arthur	Port Arthur, Ont.
St. Catharines Gen. Hosp.	St. Catharines, Ont.
Hospital for Sick Children	Toronto, Ont.
Mount Sinai Hospital	Toronto, Ont.
St. Joseph's Hospital	Toronto, Ont.
St. Michael's Hospital	Toronto, Ont.
Sunnybrook Veterans' Hospital	Toronto, Ont.
Toronto East General Hospital	Toronto, Ont.
Toronto General Hospital	Toronto, Ont.
Toronto Western Hospital	Toronto, Ont.
Women's College Hospital	Toronto, Ont.
Grace Hospital	Windsor, Ont.
Hotel Dieu of St. Joseph	Windsor, Ont.
Metropolitan Hospital	Windsor, Ont.
St. Boniface General Hosp.	St. Boniface, Man.
Children's Hospital	Winnipeg, Man.
Deer Lodge Hospital	Winnipeg, Man.
Misericordia Hospital	Winnipeg, Man.
Winnipeg General Hospital	Winnipeg, Man.
Regina General Hospital	Regina, Sask.
Regina Grey Nuns' Hospital	Regina, Sask.
St. Paul's Hospital	Saskatoon, Sask.
Saskatoon City Hospital	Saskatoon, Sask.
Calgary General Hospital	Calgary, Alta.
Colonel Belcher Hospital	Calgary, Alta.
Holy Cross Hospital	Calgary, Alta.
Edmonton General Hospital	Edmonton, Alta.
Misericordia Hospital	Edmonton, Alta.
Royal Alexandra Hospital	Edmonton, Alta.
University of Alberta Hospital	Edmonton, Alta.
Royal Columbian Hosp.	New Westminster, B. C.
St. Paul's Hospital	Vancouver, B. C.
Shaughnessy Hospital	Vancouver, B. C.
Vancouver General Hospital	Vancouver, B. C.
Royal Jubilee Hospital	Victoria, B. C.
St. Joseph's Hospital	Victoria, B. C.
Veterans' Hospital	Victoria, B. C.

ABBREVIATIONS AND NOTES

1. Appointments available to women applicants
2. Appointments restricted to women applicants
3. Appointments available to graduates of foreign medical schools. Details regarding requirements for appointment can be secured from the hospitals concerned.
4. Dental internships available
5. Available to citizens of the United States only
6. General Practice internships

CyCo	City and County
Corp	Corporation unrestricted as to profit
Dist	Hospital District
NPCorp	Nonprofit corporation
Part	Partnership
Req	Required
FM	Full maintenance
PM	Partial maintenance

+ The plus sign indicates additional approval for residencies in specialties, as shown in the Council's list of Approved Residencies and Fellowships.

Medical School Affiliations

Footnotes 10 to 89 refer to medical schools affiliated with hospitals for undergraduate clinical clerkships.

Hospitals have been identified with symbol **X** when a medical school has indicated that the hospital is a major unit in the school's teaching program. Hospitals have been identified with symbol **x** when a medical school has indicated that the hospital is used to a limited extent in the school's teaching program.

10. Medical College of Alabama, Birmingham, Ala.
11. University of Arkansas School of Medicine, Little Rock, Ark.
12. College of Medical Evangelists School of Medicine, Loma Linda, Los Angeles
13. University of California School of Medicine, Los Angeles
14. University of Southern California School of Medicine, Los Angeles
15. Stanford University School of Medicine, San Francisco
16. University of California School of Medicine, San Francisco
17. University of Colorado School of Medicine, Denver
18. Yale University School of Medicine, New Haven, Conn.
19. Georgetown University School of Medicine, Washington, D. C.
20. George Washington University School of Medicine, Washington, D. C.
21. Howard University College of Medicine, Washington, D. C.
22. University of Miami School of Medicine, Miami, Fla.
23. Emory University School of Medicine, Atlanta (Emory University), Ga.
24. Medical College of Georgia, Augusta, Ga.
25. Chicago Medical School, Chicago
26. Northwestern University Medical School, Chicago
27. Stritch School of Medicine of Loyola University, Chicago
28. University of Chicago, The School of Medicine, Chicago
29. University of Illinois College of Medicine, Chicago
30. Indiana University School of Medicine, Bloomington-Indianapolis, Ind.
31. State University of Iowa College of Medicine, Iowa City
32. University of Kansas School of Medicine, Lawrence-Kansas City, Kan.
33. University of Louisville School of Medicine, Louisville, Ky.
34. Louisiana State University School of Medicine, New Orleans
35. Tulane University of Louisiana School of Medicine, New Orleans
36. Johns Hopkins University School of Medicine, Baltimore
37. University of Maryland School of Medicine and College of Physicians and Surgeons, Baltimore
38. Boston University School of Medicine, Boston
39. Harvard Medical School, Boston
40. Tufts University School of Medicine, Boston
41. University of Michigan Medical School, Ann Arbor, Mich.
42. Wayne University College of Medicine, Detroit
43. University of Minnesota Medical School, Minneapolis
44. University of Mississippi School of Medicine, University, Miss.
45. St. Louis University School of Medicine, St. Louis
46. Washington University School of Medicine, St. Louis
47. Creighton University School of Medicine, Omaha
48. University of Nebraska College of Medicine, Omaha
49. Dartmouth Medical School, Hanover, N. H.
50. Albany Medical College, Albany, N. Y.
51. University of Buffalo School of Medicine, Buffalo
52. Albert Einstein College of Medicine, New York City
53. Columbia University College of Physicians and Surgeons, New York City
54. Cornell University Medical College, New York City
55. New York Medical College, Flower and Fifth Avenue Hospitals, New York City
56. New York University College of Medicine, New York City
57. State University of New York College of Medicine, New York City
58. University of Rochester School of Medicine and Dentistry, Rochester, N. Y.
59. State University of New York Upstate Medical Center, Syracuse, N. Y.
60. University of North Carolina School of Medicine, Chapel Hill, N. C.
61. Duke University School of Medicine, Durham, N. C.
62. Bowman Gray School of Medicine of Wake Forest College, Winston-Salem, N. C.
63. University of Cincinnati College of Medicine, Cincinnati
64. Western Reserve University School of Medicine, Cleveland
65. Ohio State University College of Medicine, Columbus, Ohio
66. University of Oklahoma School of Medicine, Oklahoma City
67. University of Oregon Medical School, Portland, Ore.
68. Hahnemann Medical College and Hospital, Philadelphia
69. Jefferson Medical College, Philadelphia
70. Temple University School of Medicine, Philadelphia
71. University of Pennsylvania School of Medicine, Philadelphia
72. Woman's Medical College of Pennsylvania, Philadelphia
73. University of Pittsburgh School of Medicine, Pittsburgh
74. Medical College of South Carolina, Charleston, S. C.
75. University of South Dakota School of Medicine, Vermillion, S. D.
76. University of Tennessee College of Medicine, Memphis, Tenn.
77. Meharry Medical College, Nashville, Tenn.
78. Vanderbilt University School of Medicine, Nashville, Tenn.
79. Southwestern Medical School of the University of Texas, Dallas, Texas
80. University of Texas School of Medicine, Galveston, Texas
81. Baylor University College of Medicine, Houston, Texas
82. University of Utah School of Medicine, Salt Lake City
83. University of Vermont College of Medicine, Burlington, Vt.
84. University of Virginia School of Medicine, Charlottesville, Va.
85. Medical College of Virginia, Richmond, Va.
86. University of Washington School of Medicine, Seattle
87. University of Wisconsin Medical School, Madison, Wis.
88. Marquette University School of Medicine, Milwaukee, Wis.
89. University of Puerto Rico School of Medicine, San Juan, P. R.

Affiliations as Referred to in Column Headed: "Affiliated Service"

100. U. S. Army Hospital, Fort Belvoir, Va.; U. S. Air Force Hospital, Washington, D. C.
101. U. S. Army Hospital, Fort Dix, N. J.
102. St. Joseph's Hospital, Children's Hospital, San Francisco
103. Charity Hospital of Louisiana, New Orleans
104. University Hospital, Baltimore
105. Lenox Hill Hospital, St. Vincent's Hospital, New York City; Jewish Hospital, Brooklyn; St. Michael's Hospital, Newark, N. J.
106. U. S. Naval Hospital, Portsmouth, Va.
107. U. S. Army Hospital, Seattle, obstetrics-gynecology; Navajo Medical Center, Fort Defiance, Ariz., pediatrics
108. District of Columbia General Hospital, Washington, D. C.
109. Los Angeles County Hospital, Los Angeles, obstetrics; Harbor General Hospital, Torrance, Calif., pediatrics
110. Los Angeles County Hospital, University of California Hospital, Los Angeles; Harbor General Hospital, Torrance, Calif.
111. Emory University Hospital, Emory University, Ga.; Grady Memorial Hospital, Atlanta, Ga.
112. University of Oklahoma Hospitals, Oklahoma City
113. Children's Medical Center, Parkland Memorial Hospital, Dallas, Texas
114. Salt Lake County General Hospital, Salt Lake City
115. Children's Hospital, Birmingham, Ala.

116. Crippled Children's Clinic and Hospital, Children's Hospital, Birmingham, Ala., pediatrics
117. Maricopa County General Hospital, Phoenix, Ariz.
118. Pima County General Hospital, Tucson, Ariz.
119. Arkansas Children's Hospital, Little Rock, Ark.
120. Arkansas State Hospital, Little Rock, Ark.
121. Riverside Community Hospital, Riverside, Calif.
122. Los Angeles County Hospital, Los Angeles
123. Santa Monica Hospital, Santa Monica, Calif.
124. Children's Hospital, Los Angeles
125. St. Joseph Hospital, Burbank, Calif
126. Fairmont Hospital of Alameda County, San Leandro, Calif.
127. Woman's Hospital, Pasadena, Calif.
128. U. S. Naval Hospital, San Diego, Calif., obstetrics, pediatrics
129. San Francisco Hospital, San Francisco
130. Laguna Honda Home, San Francisco; Hassler Health Home, Redwood City, Calif.
131. Mary's Help Hospital, Children's Hospital, San Francisco; Southern Pacific Hospital and Sanatorium, Tucson, Ariz.
132. Children's Hospital, San Francisco
133. Santa Barbara General Hospital, Santa Barbara, Calif.
134. California Hospital, Los Angeles
135. St. Luke's Hospital, Presbyterian Hospital, St. Joseph's Hospital, Denver
136. Boulder County General Hospital, Boulder, Colo.
137. Childrens Hospital Denver
138. Hartford Hospital, Hartford, Conn.
139. Southbury Training School, Southbury, Conn., pediatrics
140. District of Columbia General Hospital, Children's Hospital, Washington, D. C.
141. Children's Hospital, Central Dispensary and Emergency Hospital, Washington, D. C.
142. Children's Hospital, Washington, D. C.
143. Arlington Hospital, Arlington, Va.
144. Variety Children's Hospital, Miami, Fla.
145. American Legion Hospital for Crippled Children, St. Petersburg, Fla.
146. Clara Frye Municipal Hospital, Tampa, Fla.
147. Pine Ridge Hospital, West Palm Beach, Fla.
148. Athens General Hospital, Athens, Ga.
149. Grady Memorial Hospital, Atlanta, Ga.
150. Children's Memorial Hospital, Chicago
151 Frank Cuneo Memorial Hospital, Chicago
152. University of Illinois Research and Educational Hospitals, Chicago
153. Mercy Hospital, Chicago
154. Winfield Hospital, Winfield, Ill.
155. Presbyterian Hospital, Municipal Contagious Disease Hospital, Chicago
156. Macon County Tuberculosis Sanatorium, City Public Hospital, Decatur, Ill.
157. Indianapolis General Hospital, Indianapolis
158. Broadlawns Polk County Hospital, Des Moines, Iowa
159. Children's Mercy Hospital, Kansas City, Mo.
160. Sedgwick County Hospital, Wichita, Kan.
161. Children's Hospital, Louisville General Hospital, Louisville, Ky.
162. Children's Hospital, Jewish Hospital, Louisville, Ky.
163. St. Joseph Infirmary, Louisville General Hospital, Louisville, Ky.
164. St. Joseph Infirmary, Louisville, Ky.
165. Greenwell Springs Tuberculosis Hospital, Greenwell Springs, La.
166. Confederate Memorial Medical Center, Shreveport, La.
167. Johns Hopkins Hospital, Baltimore
168. Union Memorial Hospital, Baltimore, pediatrics
169. Baltimore City Hospitals, Baltimore
170. Charles V. Chapin Hospital, Providence, R. I.
171. St. Margaret's Hospital, Boston
172. Beth Israel Hospital, Boston
173. Haynes Memorial Hospital, Boston Lying-in Hospital, Boston
174. Boston City Hospital, Boston
175. Eastern Maine General Hospital, Bangor, Maine; Central Maine General Hospital, Lewiston, Maine; Boston Floating Hospital, Boston
176. Boston Floating Hospital, Boston, pediatrics
177. Robert Breck Brigham Hospital, Boston
178. Boston Lying-in Hospital, Boston
178. Fall River General Hospital, Fall River, Mass.
180. Wesson Maternity Hospital, Springfield, Mass.
181. Hurley Hospital, McLaren General Hospital, Flint, Mich.; Beyer Memorial Hospital, Ypsilanti, Mich.; Midland Hospital, Midland, Mich.; Saginaw General Hospital, Saginaw, Mich.; St. Joseph Mercy Hospital, Ann Arbor, Mich.
182. Herman Kiefer Hospital, Detroit; Wayne County General Hospital and Infirmary, Eloise, Mich.
183. Receiving Hospital, Children's Hospital, Detroit
184. Harper Hospital, Detroit
185. Herman Kiefer Hospital, Detroit; St. Joseph's Retreat, Dearborn, Mich.
186. Herman Kiefer Hospital, Detroit
187. Children's Hospital, Detroit
188. Children's Hospital, Receiving Hospital, Herman Kiefer Hospital, Detroit
189. Woman's Hospital, Herman Kiefer Hospital, Detroit
190. Genesee County Tuberculosis Sanatorium, Flint, Mich.
191. Pontiac State Hospital, Oakland County Tuberculosis Sanatorium, Pontiac, Mich.
192. Saginaw County Hospital, Saginaw, Mich., tuberculosis, communicable diseases
193. Miller Memorial Hospital, Duluth, Minn.
194. St. Andrew's Hospital, Minneapolis
195. Minneapolis General Hospital, Minneapolis
196. Children's Hospital, St. Paul; Elizabeth Kenny Institute, Minneapolis
197. Gillette State Hospital for Crippled Children, St. Paul
198. Children's Hospital, St. Paul
199. Aneker Hospital, Charles T. Miller Hospital, St. Paul
200. Mississippi State Charity Hospital, Vicksburg, Miss.
201. St. Louis City Hospital, St. Louis
202. Alexian Brothers Hospital, St. Louis
203. St. Louis Maternity Hospital, St. Louis; St. Louis County Hospital, Clayton, Mo.; Burge Hospital, Springfield, Mo.
204. Douglas County Hospital, Immanuel Hospital, University of Nebraska Hospital, Omaha
205. Douglas County Hospital, Omaha
206. Children's Memorial Hospital, Bishop Clarkson Memorial Hospital, Douglas County Hospital, Omaha
207. Children's Memorial Hospital, Omaha
208. Children's Memorial Hospital, Douglas County Hospital, Omaha
209. Children's Seashore Home, Atlantic City, N. J.; Clyde Fish Memorial Hospital, Northfield, N. J.; Betty Bacharach Home, Longport, N. J.
210. St. Elizabeth Hospital, Elizabeth, N. J.; St. Peter's General Hospital, New Brunswick, N. J., obstetrics-gynecology, pediatrics
211. Margaret Hague Maternity Hospital, Jersey City, N. J.
212. Babies' Hospital-Colt Memorial, Newark, N. J.
213. A. N. Brady Hospital, Albany, N. Y., obstetrics
214. Children's Hospital, Buffalo
215. Children's Hospital, Edward J. Meyer Memorial Hospital, Buffalo
216. Beth Israel Hospital, Boston, obstetrics
217. University Hospital, New York City
218. Roosevelt Hospital, New York City
219. Jewish Hospital, Brooklyn
220. Lincoln Hospital, New York City
221. Hunterdon Medical Center, Flemington, N. J.
222. Edward J. Meyer Memorial Hospital, Buffalo
223. Geneva General Hospital, Geneva, N. Y.
224. Genesee Hospital, Highland Hospital, Rochester, N. Y.
225. Asheville Orthopedic Hospital, Asheville, N. C.
226. Watts Hospital, Durham, N. C.; Robeson County Memorial Hospital, Lumberton, N. C.
227. Watts Hospital, Veterans Administration Hospital, Durham, N. C.
228. Children's Hospital, Akron, Ohio
229. Children's Hospital, Cincinnati General Hospital, Cincinnati
230. Children's Hospital, Cincinnati
231. Daniel Drake Memorial Hospital, Dunham Hospital, Cincinnati
232. Jewish Hospital, Cincinnati, pediatrics
233. City Hospital, Cleveland
234. St. Ann's Hospital, Cleveland
235. Children's Hospital, Columbus, Ohio
236. Columbus Receiving Hospital, Ohio Tuberculosis Hospital, Children's Hospital, Columbus, Ohio
237. Lima State Hospital, Lima, Ohio, psychiatry
238. University Hospitals, Columbus, Ohio
239. Toledo State Hospital, William W. Roche Memorial Hospital, Toledo, Ohio
240. St. John's Hospital, Tulsa, Okla.; Valley View Hospital, Ada, Okla.; Mercy Hospital, St. Anthony's Hospital, Oklahoma City
241. St. Vincent's Hospital, Portland, Ore., obstetrics; St. Mary's Hospital, Astoria, Ore., general practice
242. Providence Hospital, Portland, Ore., pediatrics
243. Torrance State Hospital, Torrance, Pa., psychiatry
244. Hospital of the University of Pennsylvania, Philadelphia, obstetrics
245. Hospital of the Woman's Medical College, Philadelphia Psychiatric Hospital, Philadelphia
246. Philadelphia State Hospital, Philadelphia
247. Children's Hospital, Philadelphia
248. St. Christopher's Hospital for Children, Philadelphia
249. Elizabeth Steel Magee Hospital, Children's Hospital, Eye and Ear Hospital, Woman's Hospital, Pittsburgh
250. St. Francis General Hospital and Rehabilitation Institute, Pittsburgh, psychiatry
251. Providence Lying-in Hospital, Providence, R. I.
252. Knoxville General Hospital, Knoxville, Tenn.
253. Knoxville General Hospital, East Tennessee Crippled Children's Hospital, Knoxville, Tenn
254. John Gaston Hospital, Le Bonheur Children's Hospital, Memphis, Tenn.
255. West Tennessee Tuberculosis Hospital, Memphis Eye, Ear, Nose and Throat Hospital, John Gaston Hospital, Memphis, Tenn.
256. Nashville-Vanderbilt Affiliated Hospitals, Baptist Hospital, Nashville, Tenn.
257. Children's Medical Center, Dallas, Texas
258. Parkland Memorial Hospital, Texas Scottish Rite Hospital for Crippled Children, Dallas, Texas
259. Methodist Hospital, Texas Children's Hospital, Houston, Texas, straight internships in pediatrics
260. Jefferson Davis Hospital, Texas Children's Hospital, Houston, Texas
261. Gulf, Colorado and Santa Fe Hospital, Temple, Texas
262. Utah State Tuberculosis Sanatorium, Ogden, Utah
263. Veterans Administration Hospitals, Salt Lake City
264. Blue Ridge Sanatorium, Charlottesville, Va.; Kings Daughters Hospital, Staunton, Va.; Lynchburg General Hospital, Lynchburg, Va.
265. Medical College of Virginia, Hospital Division, Tucker Hospital, Richmond, Va.
266. St. Elizabeth's Hospital, St. Luke's Hospital, Richmond, Va.; Northampton-Accomack Memorial Hospital, Nassawadox, Va.; Mary Washington Hospital, Fredericksburg, Va.; Southside Community Hospital, Farmville, Va.; Radford Memorial Hospital, Franklin, Va.
267. Medical College of Virginia, Hospital Division, Richmond, Va.
268. Children's Orthopedic Hospital, Seattle
269. Shriners Hospital for Crippled Children, Spokane, orthopedics; Booth Memorial Hospital, Spokane, obstetrics-gynecology
270. Mountain View Sanatorium, Tacoma, Wash., tuberculosis
271. Mary Bridge Children's Hospital, Tacoma, Wash.
272. Milwaukee Children's Hospital, South View Isolation Hospital, Milwaukee Hospital, Milwaukee
273. Milwaukee Children's Hospital, Milwaukee
274. Milwaukee Hospital, Milwaukee
275. Milwaukee Children's Hospital, Salvation Army Martha Washington Home, Milwaukee
276. St. Michael Hospital, Milwaukee
277. Milwaukee Children's Hospital, Milwaukee County Hospital, Milwaukee County Emergency Hospital, South View Isolation Hospital, Milwaukee
278. Milwaukee Children's Hospital, Milwaukee County Emergency Hospital, Milwaukee
279. South View Isolation Hospital, Milwaukee
280. St. Francis Hospital, Honolulu, Hawaii
281. Memorial Center for Cancer and Allied Diseases, New York City

APPROVED INTERNSHIPS BY TYPE OF SERVICE

ROTATING GENERAL

Number of Approved Programs, 806

FEDERAL

UNITED STATES ARMY

Letterman Army Hospital..... San Francisco
Fitzsimons Army Hospital..... Denver
Walter Reed Army Hospital (Army Medical Center)... Washington, D. C.
Valley Forge Army Hospital..... Phoenixville, Pa.
William Beaumont Army Hospital..... El Paso, Texas
Brooke Army Hospital, Fort Sam Houston..... San Antonio, Texas
Madigan Army Hospital..... Tacoma, Wash.
Tripler Army Hospital..... Honolulu, T. H.

UNITED STATES AIR FORCE

U. S. Air Force Hospital (Lackland Air Force Base) .. San Antonio, Texas

UNITED STATES NAVY

U. S. Naval Hospital..... Corona, Calif.
U. S. Naval Hospital (Vallejo)..... Mare Island, Calif.
U. S. Naval Hospital..... Oakland, Calif.
U. S. Naval Hospital..... Oceanside, Calif.
U. S. Naval Hospital..... San Diego, Calif.
U. S. Naval Hospital..... Jacksonville, Fla.
U. S. Naval Hospital..... Pensacola, Fla.
U. S. Naval Hospital..... Great Lakes, Ill.
U. S. Naval Hospital..... Bethesda, Md.
U. S. Naval Hospital..... Chelsea, Mass.
U. S. Naval Hospital..... St. Albans, N. Y.
U. S. Naval Hospital..... Camp LeJeune, N. C.
U. S. Naval Hospital..... Philadelphia
U. S. Naval Hospital..... Newport, R. I.
U. S. Naval Hospital..... Charleston, S. C.
U. S. Naval Hospital..... Portsmouth, Va.
U. S. Naval Hospital..... Bremerton, Wash.

U. S. PUBLIC HEALTH SERVICE

U. S. Public Health Service Hospital..... San Francisco
U. S. Public Health Service Hospital..... New Orleans
U. S. Public Health Service Hospital..... Baltimore
U. S. Public Health Service Hospital..... Staten Island, N. Y.
U. S. Public Health Service Hospital..... Norfolk, Va.
U. S. Public Health Service Hospital..... Seattle

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Freedmen's Hospital..... Washington, D. C.
Saint Elizabeths Hospital..... Washington, D. C.

VETERANS ADMINISTRATION

Veterans Admin. Hospital..... Long Beach, Calif.
Veterans Admin. Center..... Los Angeles
Veterans Admin. Hospital..... Salt Lake City

NONFEDERAL

Birmingham Baptist Hospital..... Birmingham, Ala.
Carraway Methodist Hospital..... Birmingham, Ala.
St. Vincent's Hospital..... Birmingham, Ala.
South Highlands Infirmary..... Birmingham, Ala.
University Hospital and Hillman Clinic..... Birmingham, Ala.
Lloyd Noland Hospital..... Fairfield, Ala.
Holy Name of Jesus Hospital..... Gadsden, Ala.
Mobile County Hospital..... Mobile, Ala.
Druid City Hospital..... Tuscaloosa, Ala.
Good Samaritan Hospital..... Phoenix, Ariz.
Maricopa County General Hospital..... Phoenix, Ariz.
Memorial Hospital..... Phoenix, Ariz.
St. Joseph's Hospital..... Phoenix, Ariz.
St. Mary's Hospital and Sanatorium..... Tucson, Ariz.
Tucson Medical Center..... Tucson, Ariz.
Arkansas Baptist Hospital..... Little Rock, Ark.
St. Vincent's Infirmary..... Little Rock, Ark.
University Hospital..... Little Rock, Ark.
General Hospital of Riverside County..... Arlington, Calif.
Herrick Memorial Hospital..... Berkeley, Calif.
San Joaquin General Hospital..... French Camp, Calif.
General Hospital of Fresno County..... Fresno, Calif.
Glendale Sanitarium and Hospital..... Glendale, Calif.
Loma Linda Sanitarium and Hospital..... Loma Linda, Calif.
St. Mary's Long Beach Hospital..... Long Beach, Calif.
Seaside Memorial Hospital..... Long Beach, Calif.
California Hospital..... Los Angeles
Cedars of Lebanon Hospital..... Los Angeles
Hospital of the Good Samaritan..... Los Angeles
Los Angeles County Hospital..... Los Angeles
Presbyterian Hospital-Olmsted Memorial..... Los Angeles
Queen of Angels Hospital..... Los Angeles
Santa Fe Coast Lines Hospital..... Los Angeles
White Memorial Hospital..... Los Angeles
Highland-Alameda County Hospital..... Oakland, Calif.
Kaiser Foundation Hospital..... Oakland, Calif.
Orange County General Hospital..... Orange, Calif.
Collis P. and Howard Huntington Memorial Hospital... Pasadena, Calif.
Sacramento County Hospital..... Sacramento, Calif.
San Bernardino County Charity Hospital..... San Bernardino, Calif.
Mercy Hospital..... San Diego, Calif.
San Diego County General Hospital..... San Diego, Calif.
Children's Hospital..... San Francisco
Franklin Hospital..... San Francisco
French Hospital..... San Francisco
Kaiser Foundation Hospital..... San Francisco
Mary's Help Hospital..... San Francisco
Mount Zion Hospital..... San Francisco
St. Luke's Hospital..... San Francisco
St. Mary's Hospital..... San Francisco
San Francisco Hospital..... San Francisco
Southern Pacific General Hospital..... San Francisco
University of California Hospital..... San Francisco
Santa Clara County Hospital..... San Jose, Calif.
Santa Barbara Cottage Hospital..... Santa Barbara, Calif.
St. John's Hospital..... Santa Monica, Calif.
Santa Monica Hospital..... Santa Monica, Calif.
Harbor General Hospital..... Torrance, Calif.
Glockner-Penrose Hospital..... Colorado Springs, Colo.
General Rose Memorial Hospital..... Denver
Mercy Hospital..... Denver
Porter Sanitarium and Hospital..... Denver
Presbyterian Hospital..... Denver
St. Anthony Hospital..... Denver
St. Joseph's Hospital..... Denver
St. Luke's Hospital..... Denver
University of Colorado Medical Center
Colorado General Hospital..... Denver
Denver General Hospital..... Denver
Weld County General Hospital..... Greeley, Colo.
Bridgeport Hospital..... Bridgeport, Conn.
St. Vincent's Hospital..... Bridgeport, Conn.
Bristol Hospital..... Bristol, Conn.
Danbury Hospital..... Danbury, Conn.
Greenwich Hospital..... Greenwich, Conn.
Hartford Hospital..... Hartford, Conn.
Hartford Municipal Hospital and Health Center..... Hartford, Conn.
Mount Sinai Hospital..... Hartford, Conn.
St. Francis Hospital..... Hartford, Conn.
Manchester Memorial Hospital..... Manchester, Conn.
Meriden Hospital..... Meriden, Conn.
Middlesex Memorial Hospital..... Middletown, Conn.
New Britain General Hospital..... New Britain, Conn.
Hospital of St. Raphael..... New Haven, Conn.
Lawrence and Memorial Associated Hospitals..... New London, Conn.
Norwalk Hospital..... Norwalk, Conn.
William W. Backus Hospital..... Norwich, Conn.
Stamford Hospital..... Stamford, Conn.
St. Mary's Hospital..... Waterbury, Conn.
Waterbury Hospital..... Waterbury, Conn.
Delaware Hospital..... Wilmington, Del.
Memorial Hospital..... Wilmington, Del.
Wilmington General Hospital..... Wilmington, Del.
Central Dispensary and Emergency Hospital..... Washington, D. C.
District of Columbia General Hospital..... Washington, D. C.
Doctors Hospital..... Washington, D. C.
Garfield Memorial Hospital..... Washington, D. C.
Providence Hospital..... Washington, D. C.
Sibley Memorial Hospital..... Washington, D. C.
Washington Sanitarium and Hospital..... Washington, D. C.
Duval Medical Center..... Jacksonville, Fla.
St. Luke's Hospital..... Jacksonville, Fla.
St. Vincent's Hospital..... Jacksonville, Fla.
Jackson Memorial Hospital..... Miami, Fla.
St. Francis Hospital..... Miami Beach, Fla.
Sacred Heart Hospital..... Pensacola, Fla.
Mound Park Hospital..... St. Petersburg, Fla.
Tampa Municipal Hospital..... Tampa, Fla.
St. Mary's Hospital..... West Palm Beach, Fla.
Athens General Hospital..... Athens, Ga.
St. Mary's Hospital..... Athens, Ga.
Crawford W. Long Memorial Hospital..... Atlanta, Ga.
Georgia Baptist Hospital..... Atlanta, Ga.
Grady Memorial Hospital..... Atlanta, Ga.
Piedmont Hospital..... Atlanta, Ga.

NONFEDERAL—Continued

St. Joseph's Infirmary	Atlanta, Ga.
University Hospital	Augusta, Ga.
Columbus City Hospital	Columbus, Ga.
Macon Hospital	Macon, Ga.
MacNeal Memorial Hospital	Berwyn, Ill.
St. Francis Hospital	Blue Island, Ill.
American Hospital	Chicago
Augustana Hospital	Chicago
Chicago Wesley Memorial Hospital	Chicago
Columbus Hospital	Chicago
Cook County Hospital	Chicago
Edgewater Hospital	Chicago
Englewood Hospital	Chicago
Evangelical Hospital	Chicago
Grant Hospital	Chicago
Hospital of St. Anthony de Padua	Chicago
Illinois Central Hospital	Chicago
Illinois Masonic Hospital	Chicago
Jackson Park Hospital	Chicago
Loretto Hospital	Chicago
Lutheran Deaconess Home and Hospital	Chicago
Mercy Hospital	Chicago
Michael Reese Hospital	Chicago
Mount Sinai Hospital	Chicago
Norwegian-American Hospital	Chicago
Passavant Memorial Hospital	Chicago
Presbyterian Hospital	Chicago
Provident Hospital	Chicago
Ravenswood Hospital	Chicago
Resurrection Hospital	Chicago
Roseland Community Hospital	Chicago
St. Anne's Hospital	Chicago
St. Bernard's Hospital	Chicago
St. Elizabeth Hospital	Chicago
St. Joseph Hospital	Chicago
St. Luke's Hospital	Chicago
St. Mary of Nazareth Hospital	Chicago
South Chicago Community Hospital	Chicago
South Shore Hospital	Chicago
Swedish Covenant Hospital	Chicago
University of Chicago Clinics	Chicago
University of Illinois Research and Educational Hospitals	Chicago
Walther Memorial Hospital	Chicago
Woodlawn Hospital	Chicago
Decatur and Macon County Hospital	Decatur, Ill.
St. Mary's Hospital	East St. Louis, Ill.
Memorial Hospital of DuPage County	Elmhurst, Ill.
Evanston Hospital	Evanston, Ill.
St. Francis Hospital	Evanston, Ill.
Little Company of Mary Hospital	Evergreen Park, Ill.
Oak Park Hospital	Oak Park, Ill.
West Suburban Hospital	Oak Park, Ill.
Methodist Hospital of Central Illinois	Peoria, Ill.
St. Francis Hospital	Peoria, Ill.
Rockford Memorial Hospital	Rockford, Ill.
St. Anthony's Hospital	Rockford, Ill.
Swedish-American Hospital	Rockford, Ill.
St. Catherine Hospital	East Chicago, Ind.
Protestant Deaconess Hospital	Evansville, Ind.
St. Mary's Hospital	Evansville, Ind.
Lutheran Hospital	Fort Wayne, Ind.
Parkview Memorial Hospital	Fort Wayne, Ind.
St. Joseph Hospital	Fort Wayne, Ind.
Methodist Hospital	Gary, Ind.
St. Mary's Mercy Hospital	Gary, Ind.
St. Margaret Hospital	Hammond, Ind.
Indianapolis General Hospital	Indianapolis
Indiana University Medical Center	Indianapolis
Methodist Hospital	Indianapolis
St. Vincent's Hospital	Indianapolis
St. Elizabeth Hospital	Lafayette, Ind.
Ball Memorial Hospital	Muncie, Ind.
Memorial Hospital	South Bend, Ind.
St. Joseph's Hospital	South Bend, Ind.
Mercy Hospital	Cedar Rapids, Iowa
St. Luke's Methodist Hospital	Cedar Rapids, Iowa
Mercy Hospital	Council Bluffs, Iowa
Broadlawns Polk County Hospital	Des Moines, Iowa
Iowa Methodist Hospital	Des Moines, Iowa
Mercy Hospital	Des Moines, Iowa
Mercy Hospital	Iowa City
State University of Iowa Hospitals	Iowa City
Bethany Hospital	Kansas City, Kan.
Providence Hospital	Kansas City, Kan.
St. Margaret's Hospital	Kansas City, Kan.
University of Kansas Medical Center	Kansas City, Kan.
St. Francis Hospital	Wichita, Kan.
Wesley Hospital	Wichita, Kan.
Wichita-St. Joseph Hospital	Wichita, Kan.
St. Elizabeth Hospital	Covington, Ky.
Good Samaritan Hospital	Lexington, Ky.
St. Joseph Hospital	Lexington, Ky.
Kentucky Baptist Hospital	Louisville, Ky.
Louisville General Hospital	Louisville, Ky.
Norton Memorial Infirmary	Louisville, Ky.
St. Anthony Hospital	Louisville, Ky.
St. Joseph Infirmary	Louisville, Ky.
SS. Mary and Elizabeth Hospital	Louisville, Ky.
Baton Rouge General Hospital	Baton Rouge, La.
Charity Hospital of Louisiana	New Orleans
Hotel Dieu	New Orleans
Mercy Hospital	New Orleans
Southern Baptist Hospital	New Orleans
Touro Infirmary	New Orleans
Confederate Memorial Medical Center	Shreveport, La.

NONFEDERAL—Continued

North Louisiana Sanitarium	Shreveport, La.
Eastern Maine General Hospital	Bangor, Maine
Central Maine General Hospital	Lewiston, Maine
St. Mary's General Hospital	Lewiston, Maine
Maine General Hospital	Portland, Maine
Baltimore City Hospitals	Baltimore
Bon Secours Hospital	Baltimore
Church Home and Hospital	Baltimore
Franklin Square Hospital	Baltimore
Lutheran Hospital	Baltimore
Maryland General Hospital	Baltimore
Mercy Hospital	Baltimore
Provident Hospital and Free Dispensary	Baltimore
St. Agnes Hospital	Baltimore
St. Joseph's Hospital	Baltimore
Sinai Hospital	Baltimore
South Baltimore General Hospital	Baltimore
Union Memorial Hospital	Baltimore
University Hospital	Baltimore
Suburban Hospital	Bethesda, Md.
Prince George's General Hospital	Cheverly, Md.
Beverly Hospital	Beverly, Mass.
Carney Hospital	Boston
New England Hospital	Boston
St. Elizabeth Hospital	Boston
Brockton Hospital	Brockton, Mass.
Cambridge City Hospital	Cambridge, Mass.
Mount Auburn Hospital	Cambridge, Mass.
Truesdale Hospital	Fall River, Mass.
Union Hospital	Fall River, Mass.
Holyoke Hospital	Holyoke, Mass.
Lawrence General Hospital	Lawrence, Mass.
Lowell General Hospital	Lowell, Mass.
St. John's Hospital	Lowell, Mass.
St. Joseph's Hospital	Lowell, Mass.
Lynn Hospital	Lynn, Mass.
St. Luke's Hospital	New Bedford, Mass.
Newton-Wellesley Hospital	Newton Lower Falls, Mass.
St. Luke's Hospital	Pittsfield, Mass.
Quincy City Hospital	Quincy, Mass.
Salem Hospital	Salem, Mass.
Mercy Hospital	Springfield, Mass.
Springfield Hospital	Springfield, Mass.
Wesson Memorial Hospital	Springfield, Mass.
Waltham Hospital	Waltham, Mass.
Memorial Hospital	Worcester, Mass.
St. Vincent Hospital	Worcester, Mass.
Worcester City Hospital	Worcester, Mass.
St. Joseph's Mercy Hospital	Ann Arbor, Mich.
Leila Y. Post Montgomery Hospital	Battle Creek, Mich.
Mercy Hospital	Benton Harbor, Mich.
Oakwood Hospital	Dearborn, Mich.
Detroit Memorial Hospital	Detroit
Evangelical Deaconess Hospital	Detroit
Grace Hospital	Detroit
Harper Hospital	Detroit
Henry Ford Hospital	Detroit
Mount Carmel Mercy Hospital	Detroit
Providence Hospital	Detroit
Receiving Hospital	Detroit
St. John Hospital	Detroit
St. Joseph Mercy Hospital	Detroit
Sinai Hospital	Detroit
Woman's Hospital	Detroit
Wayne County General Hospital and Infirmary	Eloise, Mich.
Hurley Hospital	Flint, Mich.
McLaren General Hospital	Flint, Mich.
St. Joseph Hospital	Flint, Mich.
Blodgett Memorial Hospital	Grand Rapids, Mich.
Butterworth Hospital	Grand Rapids, Mich.
St. Mary's Hospital	Grand Rapids, Mich.
Bon Secours Hospital	Grosse Pointe, Mich.
Highland Park General Hospital	Highland Park, Mich.
Borgess Hospital	Kalamazoo, Mich.
Bronson Methodist Hospital	Kalamazoo, Mich.
Edward W. Sparrow Hospital	Lansing, Mich.
St. Lawrence Hospital	Lansing, Mich.
Midland Hospital	Midland, Mich.
Pontiac General Hospital	Pontiac, Mich.
St. Joseph Mercy Hospital	Pontiac, Mich.
Saginaw General Hospital	Saginaw, Mich.
St. Luke's Hospital	Saginaw, Mich.
St. Mary's Hospital	Saginaw, Mich.
James Decker Munson Hospital	Traverse City, Mich.
St. Luke's Hospital	Duluth, Minn.
St. Mary's Hospital	Duluth, Minn.
Minneapolis General Hospital	Minneapolis
Mount Sinai Hospital	Minneapolis
Northwestern Hospital	Minneapolis
St. Barnabas Hospital	Minneapolis
St. Mary's Hospital	Minneapolis
Swedish Hospital	Minneapolis
University of Minnesota Hospitals	Minneapolis
Ancker Hospital	St. Paul
Bethesda Hospital	St. Paul
Charles T. Miller Hospital	St. Paul
St. Joseph's Hospital	St. Paul
St. Luke's Hospital	St. Paul
Mississippi Baptist Hospital	Jackson, Miss.
University Hospital	Jackson, Miss.
Mercy Hospital-Street Memorial	Vicksburg, Miss.
St. Louis County Hospital	Clayton, Mo.
Kansas City General Hospital No. 1	Kansas City, Mo.
Menorah Medical Center	Kansas City, Mo.
Research Hospital	Kansas City, Mo.

NONFEDERAL—Continued

St. Joseph Hospital	Kansas City, Mo.
St. Luke's Hospital	Kansas City, Mo.
St. Mary's Hospital	Kansas City, Mo.
Trinity Lutheran Hospital	Kansas City, Mo.
Missouri Methodist Hospital	St. Joseph, Mo.
St. Joseph's Hospital	St. Joseph, Mo.
Christian Hospital	St. Louis
De Paul Hospital	St. Louis
Evangelical Deaconess Hospital	St. Louis
Homer G. Phillips Hospital	St. Louis
Jewish Hospital	St. Louis
Missouri Baptist Hospital	St. Louis
St. Anthony's Hospital	St. Louis
St. John's Hospital	St. Louis
St. Louis City Hospital	St. Louis
St. Luke's Hospital	St. Louis
St. Mary's Group of Hospitals	St. Louis
Butte Community Memorial Hospital	Butte, Mont.
St. James Hospital	Butte, Mont.
Montana Deaconess Hospital	Great Falls, Mont.
Bryan Memorial Hospital	Lincoln, Neb.
Lincoln General Hospital	Lincoln, Neb.
St. Elizabeth Hospital	Lincoln, Neb.
Bishop Clarkson Memorial Hospital	Omaha
Creighton Memorial-St. Joseph's Hospital	Omaha
Immanuel Hospital	Omaha
Nebraska Methodist Hospital	Omaha
St. Catherine's Hospital	Omaha
University of Nebraska Hospital	Omaha
Mary Hitchcock Memorial Hospital	Hanover, N. H.
Atlantic City Hospital	Atlantic City, N. J.
Bayonne Hospital and Dispensary	Bayonne, N. J.
Cooper Hospital	Camden, N. J.
Our Lady of Lourdes Hospital	Camden, N. J.
West Jersey Hospital	Camden, N. J.
East Orange General Hospital	East Orange, N. J.
Alexian Brothers Hospital	Elizabeth, N. J.
Elizabeth General Hospital and Dispensary	Elizabeth, N. J.
St. Elizabeth Hospital	Elizabeth, N. J.
Englewood Hospital	Englewood, N. J.
Hackensack Hospital	Hackensack, N. J.
St. Mary's Hospital	Hoboken, N. J.
Christ Hospital	Jersey City, N. J.
Jersey City Hospital	Jersey City, N. J.
St. Francis Hospital	Jersey City, N. J.
Monmouth Memorial Hospital	Long Branch, N. J.
Mountainside Hospital	Montclair, N. J.
All Souls Hospital	Morristown, N. J.
Morristown Memorial Hospital	Morristown, N. J.
Fitkin Memorial Hospital	Neptune, N. J.
Harrison S. Martland Medical Center	Newark, N. J.
Hospital of Saint Barnabas and for Women and Children	Newark, N. J.
Newark Beth Israel Hospital	Newark, N. J.
Presbyterian Hospital	Newark, N. J.
St. Michael's Hospital	Newark, N. J.
St. Peter's General Hospital	New Brunswick, N. J.
Orange Memorial Hospital	Orange, N. J.
Bergen Pines County Hospital	Paramus, N. J.
Passaic General Hospital	Passaic, N. J.
St. Mary's Hospital	Passaic, N. J.
Barnert Memorial Hospital	Paterson, N. J.
Paterson General Hospital	Paterson, N. J.
St. Joseph Hospital	Paterson, N. J.
Perth Amboy General Hospital	Perth Amboy, N. J.
Muhlenberg Hospital	Plainfield, N. J.
Somerset Hospital	Somerville, N. J.
Overlook Hospital	Summit, N. J.
Holy Name Hospital	Teaneck, N. J.
Mercer Hospital	Trenton, N. J.
St. Francis Hospital	Trenton, N. J.
William McKinley Memorial Hospital	Trenton, N. J.
Bernalillo County-Indian Hospital	Albuquerque, N. M.
Albany Hospital	Albany, N. Y.
Memorial Hospital	Albany, N. Y.
St. Peter's Hospital	Albany, N. Y.
Binghamton City Hospital	Binghamton, N. Y.
Lawrence Hospital	Bronxville, N. Y.
Beth-El Hospital	Brooklyn
Brooklyn Hospital	Brooklyn
Coney Island Hospital	Brooklyn
Cumberland Hospital	Brooklyn
Greenpoint Hospital	Brooklyn
Jewish Hospital	Brooklyn
Kings County Hospital	Brooklyn
Long Island College Hospital	Brooklyn
Maimonides Hospital	Brooklyn
Methodist Hospital	Brooklyn
Norwegian Lutheran Deaconesses' Home and Hospital	Brooklyn
Prospect Heights Hospital	Brooklyn
St. Catherine's Hospital	Brooklyn
St. John's Episcopal Hospital	Brooklyn
St. Mary's Hospital	Brooklyn
St. Peter's Hospital	Brooklyn
Unity Hospital	Brooklyn
Wyckoff Heights Hospital	Brooklyn
Buffalo General Hospital	Buffalo
Deaconess Hospital	Buffalo
Edward J. Meyer Memorial Hospital	Buffalo
Mercy Hospital	Buffalo
Millard Fillmore Hospital	Buffalo
Sisters of Charity Hospitals	Buffalo
Mary Imogene Bassett Hospital	Cooperstown, N. Y.
Elmhurst General Hospital	Elmhurst (Flushing), N. Y.
Arnot-Ogden Memorial Hospital	Elmira, N. Y.
St. Joseph's Hospital	Elmira, N. Y.
Flushing Hospital and Dispensary	Flushing, N. Y.
Community Hospital	Glen Cove, N. Y.
Glens Falls Hospital	Glens Fall, N. Y.
Meadowbrook Hospital	Hempstead, N. Y.
Jamaica Hospital	Jamaica, N. Y.
Mary Immaculate Hospital	Jamaica, N. Y.
Queens General Hospital	Jamaica, N. Y.
Charles S. Wilson Memorial Hospital	Johnson City, N. Y.
Our Lady of Victory Hospital	Lackawanna, N. Y.
St. John's Long Island City Hospital	Long Island City, N. Y.
Nassau Hospital	Mineola, N. Y.
Northern Westchester Hospital	Mount Kisco, N. Y.
Mount Vernon Hospital	Mount Vernon, N. Y.
St. Luke's Hospital	Newburgh, N. Y.
Long Island Jewish Hospital	New Hyde Park, N. Y.
New Rochelle Hospital	New Rochelle, N. Y.
Beth David Hospital	New York City
Beth Israel Hospital	New York City
Bronx Hospital	New York City
Bronx Municipal Hospital Center	New York City
Columbus Hospital	New York City
Fordham Hospital	New York City
French Hospital	New York City
Harlem Hospital	New York City
Hospital for Joint Diseases	New York City
Jewish Memorial Hospital	New York City
Knickerbocker Hospital	New York City
Lebanon Hospital	New York City
Lenox Hill Hospital	New York City
Lincoln Hospital	New York City
Misericordia Hospital	New York City
Morrisania City Hospital	New York City
Mother Cabrini Memorial Hospital	New York City
Mount Sinai Hospital	New York City
New York Infirmary	New York City
New York Polyclinic Medical School and Hospital	New York City
St. Clare's Hospital	New York City
St. Francis Hospital	New York City
St. Vincent's Hospital	New York City
Sydenham Hospital	New York City
Mount St. Mary's Hospital	Niagara Falls, N. Y.
Niagara Falls Memorial Hospital	Niagara Falls, N. Y.
United Hospital	Port Chester, N. Y.
St. Francis Hospital	Poughkeepsie, N. Y.
Genesee Hospital	Rochester, N. Y.
Highland Hospital	Rochester, N. Y.
Rochester General Hospital	Rochester, N. Y.
St. Mary's Hospital	Rochester, N. Y.
Strong Memorial-Rochester Municipal Hospitals	Rochester, N. Y.
Ellis Hospital	Schenectady, N. Y.
St. Clare's Hospital	Schenectady, N. Y.
St. Vincent's Hospital	Staten Island, N. Y.
Staten Island Hospital	Staten Island, N. Y.
St. Joseph's Hospital	Syracuse, N. Y.
State University of New York Upstate Medical Center	Syracuse, N. Y.
Leonard Hospital	Troy, N. Y.
St. Mary's Hospital	Troy, N. Y.
Samaritan Hospital	Troy, N. Y.
Grasslands Hospital	Valhalla, N. Y.
White Plains Hospital	White Plains, N. Y.
St. John's Riverside Hospital	Yonkers, N. Y.
St. Joseph's Hospital	Yonkers, N. Y.
Yonkers General Hospital	Yonkers, N. Y.
Memorial Mission Hospital of Western North Carolina	Asheville, N. C.
Charlotte Memorial Hospital	Charlotte, N. C.
Mercy Hospital	Charlotte, N. C.
Lincoln Hospital	Durham, N. C.
Watts Hospital	Durham, N. C.
Moses H. Cone Memorial Hospital	Greensboro, N. C.
Rex Hospital	Raleigh, N. C.
St. Agnes Hospital	Raleigh, N. C.
James Walker Memorial Hospital	Wilmington, N. C.
City Memorial Hospital	Winston-Salem, N. C.
Kate Bitting Reynolds Memorial Hospital	Winston-Salem, N. C.
St. John's Hospital	Fargo, N. D.
St. Luke's Hospital	Fargo, N. D.
Grand Forks Deaconess Hospital	Grand Forks, N. D.
Trinity Hospital	Minot, N. D.
Akron City Hospital	Akron, Ohio
Akron General Hospital	Akron, Ohio
St. Thomas Hospital	Akron, Ohio
Barberton Citizens Hospital	Barberton, Ohio
Aultman Hospital	Canton, Ohio
Mercy Hospital	Canton, Ohio
Bethesda Hospital	Cincinnati
Christ Hospital	Cincinnati
Cincinnati General Hospital	Cincinnati
Deaconess Hospital	Cincinnati
Good Samaritan Hospital	Cincinnati
Jewish Hospital	Cincinnati
St. Mary's Hospital	Cincinnati
City Hospital	Cleveland
Cleveland Clinic Hospital	Cleveland
Evangelical Deaconess Hospital	Cleveland
Fairview Park Hospital	Cleveland
Huron Road Hospital	Cleveland
Lutheran Hospital	Cleveland
Mount Sinai Hospital	Cleveland
St. Alexis Hospital	Cleveland
St. John's Hospital	Cleveland
St. Luke's Hospital	Cleveland
St. Vincent Charity Hospital	Cleveland
University Hospitals	Cleveland
Grant Hospital	Columbus, Ohio
Mount Carmel Hospital	Columbus, Ohio

NONFEDERAL—Continued

University Hospitals	Columbus, Ohio
White Cross Hospital	Columbus, Ohio
Good Samaritan Hospital	Dayton, Ohio
Miami Valley Hospital	Dayton, Ohio
St. Elizabeth Hospital	Dayton, Ohio
Elyria Memorial Hospital	Elyria, Ohio
Euclid-Glenville Hospital	Euclid, Ohio
Marymount Hospital	Garfield Heights, Ohio
Mercy Hospital	Hamilton, Ohio
Lakewood Hospital	Lakewood, Ohio
Lima Memorial Hospital	Lima, Ohio
St. Rita's Hospital	Lima, Ohio
Mercy Hospital	Springfield, Ohio
Springfield City Hospital	Springfield, Ohio
Ohio Valley Hospital	Steubenville, Ohio
Flower Hospital	Toledo, Ohio
Maumee Valley Hospital	Toledo, Ohio
Mercy Hospital	Toledo, Ohio
Riverside Hospital	Toledo, Ohio
St. Charles Hospital	Toledo, Ohio
St. Vincent's Hospital	Toledo, Ohio
Toledo Hospital	Toledo, Ohio
St. Elizabeth Hospital	Youngstown, Ohio
Youngstown Hospital	Youngstown, Ohio
Mercy Hospital, Oklahoma City General	Oklahoma City
St. Anthony Hospital	Oklahoma City
University of Oklahoma Hospitals	Oklahoma City
Wesley Hospital	Oklahoma City
Hillcrest Medical Center	Tulsa, Okla.
St. John's Hospital	Tulsa, Okla.
Sacred Heart General Hospital	Eugene, Ore.
Emanuel Hospital	Portland, Ore.
Good Samaritan Hospital	Portland, Ore.
Portland Sanitarium and Hospital	Portland, Ore.
Providence Hospital	Portland, Ore.
St. Vincent's Hospital	Portland, Ore.
Univ. of Oregon Medical School Hospitals and Clinics	Portland, Ore.
Abington Memorial Hospital	Abington, Pa.
Allentown Hospital	Allentown, Pa.
Sacred Heart Hospital	Allentown, Pa.
Altoona Hospital	Altoona, Pa.
Mercy Hospital	Altoona, Pa.
St. Luke's Hospital	Bethlehem, Pa.
Bryn Mawr Hospital	Bryn Mawr, Pa.
Chester Hospital	Chester, Pa.
George F. Geisinger Memorial Hospital and Foss Clinic	Danville, Pa.
Thomas M. Fitzgerald-Mercy Hospital	Darby, Pa.
Easton Hospital	Easton, Pa.
Hamot Hospital	Erie, Pa.
St. Vincent's Hospital	Erie, Pa.
Westmoreland Hospital	Greensburg, Pa.
Harrisburg Hospital	Harrisburg, Pa.
Harrisburg Polyclinic Hospital	Harrisburg, Pa.
Conemaugh Valley Memorial Hospital	Johnstown, Pa.
Nesbitt Memorial Hospital	Kingston, Pa.
Lancaster General Hospital	Lancaster, Pa.
St. Joseph's Hospital	Lancaster, Pa.
McKeesport Hospital	McKeesport, Pa.
Montgomery Hospital	Norristown, Pa.
Sacred Heart Hospital	Norristown, Pa.
Albert Einstein Medical Center, Northern Division	Philadelphia
Albert Einstein Medical Center, Southern Division	Philadelphia
Chestnut Hill Hospital	Philadelphia
Episcopal Hospital	Philadelphia
Frankford Hospital	Philadelphia
Germantown Dispensary and Hospital	Philadelphia
Graduate Hospital of the University of Pennsylvania	Philadelphia
Hahnemann Medical College and Hospital	Philadelphia
Hospital of the University of Pennsylvania	Philadelphia
Hospital of the Woman's Medical College of Pennsylvania	Philadelphia
Jefferson Medical College Hospital	Philadelphia
Lankenau Hospital	Philadelphia
Memorial Hospital	Philadelphia
Methodist Episcopal Hospital	Philadelphia
Misericordia Hospital	Philadelphia
Nazareth Hospital	Philadelphia
Pennsylvania Hospital	Philadelphia
Philadelphia General Hospital	Philadelphia
Presbyterian Hospital	Philadelphia
St. Agnes Hospital	Philadelphia
St. Joseph's Hospital	Philadelphia
St. Luke's and Children's Medical Center	Philadelphia
Temple University Hospital	Philadelphia
Woman's Hospital	Philadelphia
Allegheny General Hospital	Pittsburgh
Mercy Hospital	Pittsburgh
Montefiore Hospital	Pittsburgh
Pittsburgh Hospital	Pittsburgh
Presbyterian Hospital	Pittsburgh
St. Francis General Hospital and Rehabilitation Institute	Pittsburgh
St. John's General Hospital	Pittsburgh
St. Joseph's Hospital and Dispensary	Pittsburgh
St. Margaret Memorial Hospital	Pittsburgh
Shadyside Hospital	Pittsburgh
South Side Hospital	Pittsburgh
Western Pennsylvania Hospital	Pittsburgh
Community General Hospital	Reading, Pa.
Reading Hospital	Reading, Pa.
St. Joseph's Hospital	Reading, Pa.
Robert Packer Hospital	Sayre, Pa.
Scranton State Hospital	Scranton, Pa.
Sewickley Valley Hospital	Sewickley, Pa.
Sharon General Hospital	Sharon, Pa.
Allegheny Valley Hospital	Tarentum, Pa.

NONFEDERAL—Continued

Uniontown Hospital	Uniontown, Pa.
Washington Hospital	Washington, Pa.
Chester County Hospital	West Chester, Pa.
Mercy Hospital	Wilkes-Barre, Pa.
Wilkes-Barre General Hospital	Wilkes-Barre, Pa.
Columbia Hospital	Wilkinsburg, Pa.
Divine Providence Hospital	Williamsport, Pa.
Williamsport Hospital	Williamsport, Pa.
York Hospital	York, Pa.
Newport Hospital	Newport, R. I.
Memorial Hospital	Pawtucket, R. I.
Miriam Hospital	Providence, R. I.
Rhode Island Hospital	Providence, R. I.
Roger Williams General Hospital	Providence, R. I.
St. Joseph's Hospital	Providence, R. I.
Roper Hospital	Charleston, S. C.
Columbia Hospital of Richland County	Columbia, S. C.
McLeod Infirmary	Florence, S. C.
Greenville General Hospital	Greenville, S. C.
Orangeburg Regional Hospital	Orangeburg, S. C.
Spartanburg General Hospital	Spartanburg, S. C.
McKennan Hospital	Sioux Falls, S. Dak.
Sioux Valley Hospital	Sioux Falls, S. Dak.
Sacred Heart Hospital	Yankton, S. Dak.
Baroness Erlanger Hospital	Chattanooga, Tenn.
Holston Valley Community Hospital	Kingsport, Tenn.
East Tennessee Baptist Hospital	Knoxville, Tenn.
Fort Sanders Presbyterian Hospital	Knoxville, Tenn.
Knoxville General Hospital	Knoxville, Tenn.
St. Mary's Memorial Hospital	Knoxville, Tenn.
Baptist Memorial Hospital	Memphis, Tenn.
John Gaston Hospital	Memphis, Tenn.
Methodist Hospital	Memphis, Tenn.
St. Joseph's Hospital	Memphis, Tenn.
Baptist Hospital	Nashville, Tenn.
George W. Hubbard Hospital	Nashville, Tenn.
Nashville General Hospital	Nashville, Tenn.
St. Thomas Hospital	Nashville, Tenn.
Brackenridge Hospital	Austin, Texas
Memorial Hospital	Corpus Christi, Texas
Baylor University Hospital	Dallas, Texas
Methodist Hospital	Dallas, Texas
Parkland Memorial Hospital	Dallas, Texas
St. Paul's Hospital	Dallas, Texas
El Paso General Hospital	El Paso, Texas
Hotel Dieu Sisters' Hospital	El Paso, Texas
Harris Hospital	Fort Worth, Texas
John Peter Smith Hospital	Fort Worth, Texas
St. Joseph's Hospital	Fort Worth, Texas
University of Texas Medical Branch Hospitals	Galveston, Texas
Hermann Hospital	Houston, Texas
Jefferson Davis Hospital	Houston, Texas
Methodist Hospital	Houston, Texas
St. Joseph's Hospital	Houston, Texas
Robert B. Green Memorial Hospital	San Antonio, Texas
Santa Rosa Hospital	San Antonio, Texas
Kings Daughters Hospital	Temple, Texas
Scott and White Memorial Hospitals	Temple, Texas
Providence Hospital	Waco, Texas
St. Benedict's Hospital	Ogden, Utah
Thomas D. Dee Memorial Hospital	Ogden, Utah
Dr. W. H. Groves Latter-Day Saints Hospital	Salt Lake City
Holy Cross Hospital	Salt Lake City
St. Mark's Hospital	Salt Lake City
Salt Lake County General Hospital	Salt Lake City
De Goesbriand Memorial Hospital	Burlington, Vt.
Mary Fletcher Hospital	Burlington, Vt.
Alexandria Hospital	Alexandria, Va.
University of Virginia Hospital	Charlottesville, Va.
Memorial Hospital	Danville, Va.
Mary Immaculate Hospital	Newport News, Va.
Riverside Hospital	Newport News, Va.
De Paul Hospital	Norfolk, Va.
Norfolk General Hospital	Norfolk, Va.
Johnston-Willis Hospital	Richmond, Va.
Medical College of Virginia—Hospital Division	Richmond, Va.
Stuart Circle Hospital	Richmond, Va.
Lewis-Gale Hospital	Roanoke, Va.
Roanoke Memorial Hospital	Roanoke, Va.
Winchester Memorial Hospital	Winchester, Va.
Doctors Hospital	Seattle
King County Hospital Unit No. 1 (Harborview)	Seattle
Providence Hospital	Seattle
Seattle General Hospital	Seattle
Swedish Hospital	Seattle
Virginia Mason Hospital	Seattle
Deaconess Hospital	Spokane, Wash.
Sacred Heart Hospital	Spokane, Wash.
St. Luke's Hospital	Spokane, Wash.
Pierce County Hospital	Tacoma, Wash.
St. Joseph Hospital	Tacoma, Wash.
Tacoma General Hospital	Tacoma, Wash.
Charleston General Hospital	Charleston, W. Va.
Memorial Hospital	Charleston, W. Va.
St. Mary's Hospital	Huntington, W. Va.
Camden-Clark Memorial Hospital	Parkersburg, W. Va.
St. Joseph's Hospital	Parkersburg, W. Va.
Ohio Valley General Hospital	Wheeling, W. Va.
Wheeling Hospital	Wheeling, W. Va.
Luther Hospital	Eau Claire, Wis.
Mercy Hospital	Janesville, Wis.
La Crosse Lutheran Hospital	La Crosse, Wis.
St. Francis Hospital	La Crosse, Wis.

NONFEDERAL—Continued

Madison General Hospital..... Madison, Wis.
Methodist Hospital ..... Madison, Wis.
St. Mary's Hospital..... Madison, Wis.
University Hospitals ..... Madison, Wis.
St. Joseph's Hospital..... Marshfield, Wis.
Columbia Hospital ..... Milwaukee
Evangelical Deaconess Hospital..... Milwaukee
Milwaukee County Hospital..... Milwaukee
Milwaukee Hospital ..... Milwaukee
Misericordia Hospital ..... Milwaukee
Mount Sinai Hospital..... Milwaukee
St. Joseph Hospital..... Milwaukee
St. Luke's Hospital..... Milwaukee
St. Mary's Hospital..... Milwaukee
St. Michael Hospital..... Milwaukee
Mercy Hospital ..... Oshkosh, Wis.
St. Mary's Hospital..... Wausau, Wis.
Gorgas Hospital ..... Ancon, C. Z.
Kuakini Hospital ..... Honolulu, T. H.
Queen's Hospital ..... Honolulu, T. H.
St. Francis Hospital..... Honolulu, T. H.
Aguadilla District Hospital..... Aguadilla, P. R.
Arecibo District Hospital..... Arecibo, P. R.
Bayamon District Hospital..... Bayamon, P. R.
Fajardo District Hospital..... Fajardo, P. R.
Hospital de Damas..... Ponce, P. R.
Municipal Hospital ..... Rio Piedras, P. R.
Presbyterian Hospital ..... San Juan, P. R.
San Juan City Hospital..... San Juan, P. R.

ROTATING (Med. Major)

Number of Approved Programs, 9

George Washington University Hospital..... Washington, D. C.
Ravenswood Hospital ..... Chicago
University Hospital ..... Ann Arbor, Mich.
Missouri Baptist Hospital..... St. Louis
University Hospitals ..... Columbus, Ohio
Woman's Hospital ..... Philadelphia
St. Paul's Hospital..... Dallas, Texas
Lynchburg General Hospital..... Lynchburg, Va.
Norfolk General Hospital..... Norfolk, Va.

ROTATING (Surg. Major)

Number of Approved Programs, 10

George Washington University Hospital..... Washington, D. C.
Ravenswood Hospital ..... Chicago
T. E. Schumpert Memorial Hospital..... Shreveport, La.
University Hospital ..... Ann Arbor, Mich.
Missouri Baptist Hospital..... St. Louis
Bellevue Hospital Center Div. I—Surgical—
Columbia University ..... New York City
University Hospitals ..... Columbus, Ohio
St. Paul's Hospital..... Dallas, Texas
Lynchburg General Hospital..... Lynchburg, Va.
Norfolk General Hospital..... Norfolk, Va.

ROTATING (Ped. Major)

Number of Approved Programs, 2

University Hospital..... Ann Arbor, Mich.
Norfolk General Hospital..... Norfolk, Va.

ROTATING (Ob-Gyn. Major)

Number of Approved Programs, 3

Ravenswood Hospital..... Chicago
University Hospital..... Ann Arbor, Mich.
Norfolk General Hospital..... Norfolk, Va.

OTHER ROTATING

Number of Approved Programs, 11

University of Colorado Medical Center
Colorado General Hospital..... Denver
Community Rotating
Denver General Hospital..... Denver
Community Rotating
George Washington University Hospital..... Washington, D. C.
Rotating (Path.-Major)
University Hospital..... Ann Arbor, Mich.
Rotating (Neurol.-Major)
Rotating (Derm.-Major)
Rotating (Anes.-Major)
Rotating (Otol.-Major)
Rotating (Ophth.-Major)
Rotating (Phys.-Med. Rehab.-Major)
Rotating (Gen. Prac.-Major)
Rotating (Path.-Major)

MIXED

Number of Approved Programs, 29

U. S. Public Health Service Hospital, Boston; Med.-Surg.
University Hospital, Little Rock, Ark.; Med.-Ped.
St. Vincent's Hospital, Los Angeles; Med.-Surg.-Ob.-Gyn.
University of Kansas Medical Center, Kansas City, Kan.; Med.-Surg.-Ped.; Path.-Med.; Path.-Surg.
Baltimore City Hospitals, Baltimore; Med.-Ped.; Ped.-Med.
Hospital for Women, Baltimore; Med.-Ob.-Gyn.
Holyoke Hospital, Holyoke, Mass.; Med.-Surg.
Lutheran Hospital, St. Louis; Med.-Surg.-Ob.-Gyn.
Bellevue Hospital Center, New York City
Division I—Medical—Columbia University; Med.-Chest-Surg. or Path.
Bellevue Hospital Center, New York City
Division II—Medical—Cornell University; Med.-Path.
Bellevue Hospital Center, New York City
Division III—Medical—New York University College of Medicine; Med.-Surg.
Bellevue Hospital Center, New York City
Division III—Surgical—New York University College of Medicine; Surg.-Med.
Knickerbocker Hospital, New York City; Med.-Surg.
Montefiore Hospital, New York City; Med.-Surg.-Pul.-Neuro.-Neoplastic
Roosevelt Hospital, New York City; Med.-Ped.-Surg.; Surg.-Gyn.-Med.
St. Luke's Hospital, New York City; Med.-Surg.; Surg.-Med.
Strong Memorial—Rochester Municipal Hospitals, Rochester, N. Y.; Surg.-Ob.-Gyn.
General Hospital, Syracuse, N. Y.; Med.-Surg.-Ob.-Gyn.
State University of New York Upstate Medical Center Hospitals, Syracuse, N. Y.; Med.-Surg.
North Carolina Memorial Hospital, Chapel Hill, N. C.; Med.-Ped.
Duke Hospital, Durham, N. C.; Ob.-Ped.
Watts Hospital, Durham, N. C.; Med.-Surg.-Ob.-Gyn.
North Carolina Baptist Hospital, Winston-Salem, N. C.; Ped.-Ob.-Gyn.
Bethesda Hospital, Cincinnati; Med.-Ob.-Surg.
University of Oklahoma Hospitals, Oklahoma City; Med. Major; Surg. Major; Ob.-Gyn. Major; Ped. Major.
Woman's Hospital, Philadelphia; Surg.-Med.
Baroness Erlanger Hospital, Chattanooga, Tenn.; Med.-Ob.-Ped.
St. Thomas Hospital, Nashville, Tenn.; Med.-Surg.
Jefferson Hospital, Roanoke, Va.; Surg.-Med.-Ob.

STRAIGHT

Total Number of Approved Programs, 215

INTERNAL MEDICINE

Number of Approved Programs, 80

Veterans Admin. Hospital..... Long Beach, Calif.
Veterans Admin. Hospital..... Los Angeles
Veterans Admin. Hospital..... Atlanta, Ga.
Veterans Admin. Hospital..... Oklahoma City
Veterans Admin. Hospital..... Dallas, Texas
Veterans Admin. Hospital..... McKinney, Texas
Veterans Admin. Hospital..... Salt Lake City
University Hospital and Hillman Clinic..... Birmingham, Ala.
University Hospital..... Little Rock, Ark.
University of California Hospital..... Los Angeles
Stanford University Hospitals..... San Francisco
University of California Hospital..... San Francisco
Bridgeport Hospital..... Bridgeport, Conn.
Grace-New Haven Community Hospital..... New Haven, Conn.
Georgetown University Hospital..... Washington, D. C.
Grady Memorial Hospital ..... Atlanta, Ga.
Emory University Hospital..... Emory University, Ga.
Michael Reese Hospital..... Chicago
University of Kansas Medical Center..... Kansas City, Kan.
Louisville General Hospital..... Louisville, Ky.
Ochsner Foundation Hospital..... New Orleans
Baltimore City Hospitals..... Baltimore
Church Home and Hospital..... Baltimore
Johns Hopkins Hospital..... Baltimore
Sinai Hospital..... Baltimore
University Hospital..... Baltimore
Beth Israel Hospital..... Boston
Boston City Hospital..... Boston
Massachusetts General Hospital..... Boston
Massachusetts Memorial Hospitals..... Boston
New England Center Hospital..... Boston
Peter Bent Brigham Hospital..... Boston
Northwestern Hospital..... Minneapolis
University of Minnesota Hospitals..... Minneapolis
Barnes Hospital..... St. Louis
St. Mary's Group of Hospitals..... St. Louis
Jersey City Hospital..... Jersey City, N. J.
Albany Hospital..... Albany, N. Y.
Cumberland Hospital..... Brooklyn
Jewish Hospital..... Brooklyn
Kings County Hospital..... Brooklyn
Long Island College Hospital..... Brooklyn

INTERNAL MEDICINE—Continued

Maimonides Hospital..... Brooklyn
Methodist Hospital..... Brooklyn
St. John's Episcopal Hospital..... Brooklyn
Buffalo General Hospital..... Buffalo
Mary Imogene Bassett Hospital..... Cooperstown, N. Y.
Charles S. Wilson Memorial Hospital..... Johnson City, N. Y.
Bellevue Hospital Center Division II—Medical
Cornell University..... New York City
Bellevue Hospital Center Division III—Medical
New York University College of Medicine..... New York City
Bellevue Hospital Center Division IV—Medical
New York University Postgraduate Medical School.... New York City
Bronx Municipal Hospital Center..... New York City
Knickerbocker Hospital..... New York City
Lebanon Hospital..... New York City
New York Hospital..... New York City
Presbyterian Hospital..... New York City
St. Clare's Hospital..... New York City
St. Vincent's Hospital..... New York City
Genesee Hospital..... Rochester, N. Y.
Rochester General Hospital..... Rochester, N. Y.
Strong Memorial-Rochester Municipal Hospitals..... Rochester, N. Y.
State University of New York Upstate Medical Center..... Syracuse, N. Y.
North Carolina Memorial Hospital..... Chapel Hill, N. C.
Duke Hospital..... Durham, N. C.
Watts Hospital..... Durham, N. C.
North Carolina Baptist Hospital..... Winston-Salem, N. C.
University Hospitals..... Cleveland
Baptist Memorial Hospital..... Memphis, Tenn.
St. Thomas Hospital..... Nashville, Tenn.
Vanderbilt University Hospital..... Nashville, Tenn.
Baylor University Hospital..... Dallas, Texas
Parkland Memorial Hospital..... Dallas, Texas
St. Paul's Hospital..... Dallas, Texas
Jefferson Davis Hospital..... Houston, Texas
Methodist Hospital..... Houston, Texas
Salt Lake County General Hospital..... Salt Lake City
University of Virginia Hospital..... Charlottesville, Va.
Chesapeake and Ohio Hospital..... Clifton Forge, Va.
Medical College of Virginia—Hospital Division..... Richmond, Va.
King County Hospital, Unit No. 1 (Harborview)..... Seattle

PATHOLOGY

Number of Approved Programs, 26

University of California Hospital..... Los Angeles
University of California Hospitals..... San Francisco
Grace-New Haven Community Hospital..... New Haven, Conn.
Emory University Hospital..... Emory University, Ga.
University of Kansas Medical Center..... Kansas City, Kan.
Baltimore City Hospitals..... Baltimore
Johns Hopkins Hospital..... Baltimore
Boston City Hospital..... Boston
Children's Medical Center..... Boston
Massachusetts General Hospital..... Boston
Massachusetts Memorial Hospitals..... Boston
Barnes Hospital..... St. Louis
Jersey City Hospital..... Jersey City, N. J.
Kings County Hospital..... Brooklyn
Methodist Hospital..... Brooklyn
Bellevue Hospital Center, Division III—Pathology
New York University College of Medicine..... New York City
New York Hospital..... New York City
Presbyterian Hospital..... New York City
Genesee Hospital..... Rochester, N. Y.
Strong Memorial-Rochester Municipal Hospitals..... Rochester, N. Y.
North Carolina Memorial Hospital..... Chapel Hill, N. C.
Duke Hospital..... Durham, N. C.
North Carolina Baptist Hospital..... Winston-Salem, N. C.
University Hospitals..... Cleveland
Good Samaritan Hospital..... Portland, Ore.
Vanderbilt University Hospital..... Nashville, Tenn.

PEDIATRICS

Number of Approved Programs, 44

University Hospital and Hillman Clinic..... Birmingham, Ala.
University Hospital..... Little Rock, Ark.
Childrens Hospital..... Los Angeles
University of California Hospital..... Los Angeles
Stanford University Hospitals..... San Francisco
University of California Hospitals..... San Francisco
Grace-New Haven Community Hospital..... New Haven, Conn.
Grady Memorial Hospital..... Atlanta, Ga.
Michael Reese Hospital..... Chicago
University of Kansas Medical Center..... Kansas City, Kan.
Louisville General Hospital..... Louisville, Ky.
Baltimore City Hospitals..... Baltimore
Johns Hopkins Hospital..... Baltimore
Sinai Hospital..... Baltimore
University Hospital..... Baltimore
Boston City Hospital..... Boston
Children's Medical Center..... Boston
Massachusetts General Hospital..... Boston
Northwestern Hospital..... Minneapolis
University of Minnesota Hospitals..... Minneapolis
St. Louis Children's Hospital..... St. Louis

PEDIATRICS—Continued

St. Mary's Group of Hospitals..... St. Louis
Jersey City Hospital..... Jersey City, N. J.
Cumberland Hospital..... Brooklyn
Jewish Hospital..... Brooklyn
Kings County Hospital..... Brooklyn
Methodist Hospital..... Brooklyn
St. John's Episcopal Hospital..... Brooklyn
Children's Hospital..... Buffalo
Bellevue Hospital Center—Division III—Pediatrics
New York University College of Medicine..... New York City
Bronx Municipal Hospital Center..... New York City
New York Hospital..... New York City
St. Luke's Hospital..... New York City
Strong Memorial-Rochester Municipal Hospitals..... Rochester, N. Y.
State University of New York Upstate Medical Center.... Syracuse, N. Y.
North Carolina Memorial Hospital..... Chapel Hill, N. C.
Duke Hospital..... Durham, N. C.
North Carolina Baptist Hospital..... Winston-Salem, N. C.
University Hospitals..... Cleveland
Vanderbilt University Hospital..... Nashville, Tenn.
Children's Medical Center..... Dallas, Texas
Jefferson Davis Hospital..... Houston, Texas
Salt Lake City General Hospital..... Salt Lake City
Milwaukee Children's Hospital..... Millwaukee

SURGERY

Number of Approved Programs, 65

University Hospital..... Little Rock, Ark.
University of California Hospital..... Los Angeles
Stanford University Hospitals..... San Francisco
University of California Hospitals..... San Francisco
Bridgeport Hospital..... Bridgeport, Conn.
Grace-New Haven Community Hospital..... New Haven, Conn.
Grady Memorial Hospital..... Atlanta, Ga.
Emory University Hospital..... Emory University, Ga.
Michael Reese Hospital..... Chicago
Mount Sinai Hospital..... Chicago
Provident Hospital..... Chicago
Indiana University Medical Center..... Indianapolis
University of Kansas Medical Center..... Kansas City, Kan.
Johns Hopkins Hospital..... Baltimore
Sinai Hospital..... Baltimore
Beth Israel Hospital..... Boston
Boston City Hospital..... Boston
Massachusetts General Hospital..... Boston
Massachusetts Memorial Hospitals..... Boston
New England Center Hospital..... Boston
Peter Bent Brigham Hospital..... Boston
Northwestern Hospital..... Minneapolis
University of Minnesota Hospitals..... Minneapolis
St. Joseph Hospital..... Kansas City, Mo.
Barnes Hospital..... St. Louis
St. Mary's Group of Hospitals..... St. Louis
Jersey City Hospital..... Jersey City, N. J.
Albany Hospital..... Albany, N. Y.
Beth-El Hospital..... Brooklyn
Cumberland Hospital..... Brooklyn
Kings County Hospital..... Brooklyn
Long Island College Hospital..... Brooklyn
Methodist Hospital..... Brooklyn
St. John's Episcopal Hospital..... Brooklyn
Buffalo General Hospital..... Buffalo
Charles S. Wilson Memorial Hospital..... Johnson City, N. Y.
Bellevue Hospital Center—Division I—Surgical
Columbia University..... New York City
Bellevue Hospital Center—Division II—Surgical
Cornell University..... New York City
Bellevue Hospital Center—Division III—Surgical
New York University College of Medicine..... New York City
Bellevue Hospital Center—Division IV—Surgical
New York University Postgraduate Medical School.... New York City
Bronx Municipal Hospital Center..... New York City
Knickerbocker Hospital..... New York City
Lebanon Hospital..... New York City
Mount Sinai Hospital..... New York City
New York Hospital..... New York City
Presbyterian Hospital..... New York City
St. Clare's Hospital..... New York City
St. Vincent's Hospital..... New York City
Genesee Hospital..... Rochester, N. Y.
Highland Hospital..... Rochester, N. Y.
Rochester General Hospital..... Rochester, N. Y.
Strong Memorial-Rochester Municipal Hospitals..... Rochester, N. Y.
State University of New York Upstate Medical Center.... Syracuse, N. Y.
North Carolina Memorial Hospital..... Chapel Hill, N. C.
Duke Hospital..... Durham, N. C.
North Carolina Baptist Hospital..... Winston-Salem, N. C.
University Hospitals..... Cleveland
Baptist Memorial Hospital..... Memphis, Tenn.
St. Thomas Hospital..... Nashville, Tenn.
Vanderbilt University Hospital..... Nashville, Tenn.
Baylor University Hospital..... Dallas, Texas
Jefferson Davis Hospital..... Houston, Texas
Methodist Hospital..... Houston, Texas
University of Virginia Hospital..... Charlottesville, Va.
Medical College of Virginia—Hospital Division..... Richmond, Va.

APPROVED RESIDENCIES AND FELLOWSHIPS

Council on Medical Education and Hospitals of the American Medical Association

535 North Dearborn Street, Chicago 10

Revised to September 1, 1956

Hospitals, 1,211; Assistant Residencies and Fellowships, 27,835

The following services are approved by the Council on Medical Education and Hospitals as meeting the requirements of the Essentials of Approved Residencies and Fellowships. In those specialties in which certifying boards have been established approval is extended in concurrence with the Board concerned as indicated. The number of years of training for which approval as been granted is indicated in the column, "Length of Approved Program (years)." Residencies in which this designation does not appear have been approved without specifying the number of years for which they are accredited. The beginning stipends for Federal hospitals have not been listed; they are established in accordance with government pay tables.

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1. ALLERGY

Residency programs in the following hospitals have been approved for ONE year of training by the Council and the Subspecialty Board for Allergy of the American Board of Internal Medicine.

Hospitals, 22: Assistant Residencies and Residencies, 37

Name of Hospital	Location	Chief of Service	Inpatients Treated	Outpatient Visits	First Year Residencies Offered *	Total Residencies Offered *	Beginning Stipend (Month)
FEDERAL							
UNITED STATES ARMY							
Army Medical Center [1-3]	Washington, D. C.		518	7,433	1	1	...
UNITED STATES NAVY							
U. S. Naval Hospital [1]	San Diego, Calif	A. L. Lawler	13	11,033	1	1	...
VETERANS ADMINISTRATION							
Veterans Admin. Hospital [1-3]	Long Beach, Calif.	N. B. Kurnick	370	1,943	..	1	...
Veterans Admin. Research Hospital [1]	Chicago	(See Northwestern University Medical Center)					
Veterans Admin. Hospital [1]	Pittsburgh	L. H. Criep	190	.....	2	2	...
NONFEDERAL							
Kaiser Foundation Hospital [1-3]	San Francisco	B. F. Feingold	14	64,593	..	2	225
Northwestern University Medical Center [1-3]	Chicago	S. Feinberg	100	3,977	2	2	225
Veterans Admin. Research Hospital [1]	Chicago	S. Feinberg	100	.....	1	1	...
University of Illinois Research and Educational Hospitals [1-3]	Chicago	M. Samter	...	6,149	1	1	125
Massachusetts General Hospital [1-3]	Boston	W. S. Burrage	...	584	1	1	...
University Hospital [1-3]	Ann Arbor, Mich.	J. M. Sheldon	...	10,377	..	6	186
Mayo Foundation [1]	Rochester, Minn.	Included in Internal Medicine				2	150
Jewish Hospital [1-3]	Brooklyn, N. Y.	M. Grolnick	51	7,509	1	1	100
New York Hospital [1-3]	New York City	H. S. Baldwin	...	8,987	1	2	116.67
New York University—Bellevue Medical Center University Hospital	New York City	W. C. Spain	...	6,191	..	1	250
Roosevelt Hospital [1-3]	New York City	R. A. Cooke	205	41,498	4	4	250
Duke University Hospital [1-3-328]	Durham, N. C.	O. C. E. Hansen-Pruss	190	872	..	2	250
Ohio State University Hospitals University Hospital [1-3]	Columbus, Ohio	J. H. Mitchell	...	2,341	..	1	152
Temple University Hospital [1-3]	Philadelphia	L. Tuft	...	5,445	..	..	...
Montefiore Hospital [1-3]	Pittsburgh	L. H. Criep	106	16,895	2	2	225
University of Virginia Hospital [1-3]	Charlottesville, Va.	O. Swineford, Jr.	...	5,487	3	3	50
Medical College of Virginia—Hospital Division [1-3]	Richmond, Va.	M. E. B. Owens	...	6,078	..	1	100
University Hospitals [1-3]	Madison, Wis.	S. B. Crepea	Incl. in Med.	3,743	..	..	120

2. ANESTHESIOLOGY

Residency programs in the following hospitals have been approved by the Council and the American Board of Anesthesiology for TWO years of training.

Hospitals, 212: Assistant Residencies and Residencies, 1,184

Name of Hospital	Location	Chief of Service	Total Anesthetics	Inhalation Anesthetics	First Year Residencies Offered *	Total Residencies Offered *	Beginning Stipend (Month)
FEDERAL							
UNITED STATES ARMY							
Letterman Army Hospital [1]	San Francisco	S. C. Mescater	6,450	2,437	1	4	...
Fitzsimons Army Hospital [1]	Denver	J. E. Keet	6,329	2,846	1	3	...
Army Medical Center [1-3]	Washington, D. C.	H. C. Slocum	10,705	7,086	4	10	...
Brooke Army Hospital [1-3]	San Antonio, Texas	H. K. Pedigo	5,955	2,150	4	10	...
UNITED STATES AIR FORCE							
U. S. Air Force Hospital [1-3]	San Antonio, Texas	A. B. Tarrow	7,054	2,228	3	6	...

Numerical and other references will be found on pages 387 through 390.

2. ANESTHESIOLOGY—Continued

Name of Hospital	Location	Chief of Service	Total Anesthetics	Inhalation Anesthetics	First Year Residencies Offered [6]	Total Residencies Offered [6]	Beginning Stipend (Month)
FEDERAL							
UNITED STATES NAVY							
U. S. Naval Hospital [1-8]	Oakland, Calif.	B. H. Baxley	11,686	1,176	2	4	...
U. S. Naval Hospital [1]	San Diego, Calif.	R. S. Echols	12,005	1,358	..	..	...
U. S. Naval Hospital	Bethesda, Md.	W. R. Stillwell	10,120	3,080	2	4	...
U. S. Naval Hospital [1-8]	Chelsea, Mass.	E. A. Sneddon	5,197	1,299	2	3	...
U. S. Naval Hospital	St. Albans, N. Y.	D. M. Pino	6,886	1,282	2	4	...
U. S. Naval Hospital [1-8]	Philadelphia	J. G. Kurfees	5,867	1,338	1	2	...
UNITED STATES PUBLIC HEALTH SERVICE							
U. S. Public Health Service Hospital [1-8]	Staten Island, N. Y.	K. F. Urbach	3,212	1,407	2	4	...
VETERANS ADMINISTRATION							
Veterans Admin. Hospital [1-8-27]	Los Angeles	N. H. Rupp	5,912	647	5	10	...
Veterans Admin. Hospital [1-8-55]	Denver	F. Brown	1,860	965	3	3	...
Veterans Admin. Hospital [1]	Hines, Ill.	M. Sadove	12,055	2,026	4	6	...
Veterans Admin. Hospital [1]	Des Moines, Iowa	(See State University of Iowa Hospitals)					
Veterans Admin. Hospital [1-8]	Iowa City, Iowa	(See State University of Iowa Hospitals)					
Veterans Admin. Hospital [1]	Kansas City, Mo.	(See Univ. of Kansas Medical Center)					
Veterans Admin. Hospital [1-8]	St. Louis	H. W. Crouch	3,434	1,033	2	4	...
Veterans Admin. Hospital [1-8-299]	Brooklyn, N. Y.	H. I. Lipson	4,974	1,087	2	4	...
Veterans Admin. Hospital [1-8-260]	Buffalo	S. I. Guest	3,590	373	2	4	...
Veterans Admin. Hospital [1-8-301]	New York City (Bronx)	B. Ciliberti	6,157	1,490	5	10	...
Veterans Admin. Hospital [1-8]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)					
Veterans Admin. Hospital [1-8]	White River Jct., Vt.	R. E. Lapointe	1,425	465	1	2	...
Veterans Admin. Hospital [1-8-420]	Richmond, Va.	C. G. Lynch	3,635	791	1	3	...
Veterans Admin. Hospital [1-8]	Seattle	(See Univ. of Washington Affiliated Hospitals)					
Veterans Admin. Hospital [1-8-436]	Milwaukee (Wood), Wis.	R. A. Tella	3,648	1,507	3	6	...
NONFEDERAL							
University of Alabama Medical Center							
University Hospital and Hillman Clinic [1-8]	Birmingham, Ala.	A. McNeal	9,402	7,975	2	4	108
Lloyd Noland Hospital [1-8]	Fairfield, Ala.	R. W. Grady	3,392	1,572	1	2	225
St. Vincent Infirmary [1-8]	Little Rock, Ark.	J. P. Hickey	6,253	2,207	4	10	300
University Hospital [1]	Little Rock, Ark.	C. W. Shafer	2,404	1,547	3	5	145
Los Angeles County Hospital [1-27-29-32]	Los Angeles	J. S. Denson	14,304	9,416	13	26	246
University of California Medical Center	Los Angeles	J. B. Dillon	.....	.....	3	5	259
White Memorial Hospital [1-8-27]	Los Angeles	F. E. Leffingwell	3,516	2,165	3	6	151
Highland-Alameda County Hospital [1-8]	Oakland, Calif.	E. Byer	3,726	1,823	2	4	5
Samuel Merritt Hospital [1]	Oakland, Calif.	B. M. Anderson	6,517	4,004	2	4	185
Kaiser Foundation Hospital	San Francisco	E. P. Shannon	5,098	3,370	3	6	175
Mount Zion Hospital [1-8]	San Francisco	A. J. Harris	5,327	.....	1	2	150
St. Francis Memorial Hospital [1-8]	San Francisco	J. E. Cann	7,686	5,611	2	3	300
St. Joseph's Hospital [1-8]	San Francisco	R. A. Simpson	4,218	1,961	1	2	200
San Francisco Hospital	San Francisco	R. Ponath	6,065	1,902	2	4	195
Stanford University Hospitals [1-8]	San Francisco	P. J. Bailey	6,738	4,548	2	3	80
Santa Clara County Hospital [1]	San Jose, Calif.	J. Atkinson	2,243	1,500	2	2	260
Harbor General Hospital [1-8]	Torrance, Calif.	J. D. Boone	4,599	1,426	2	4	240
University of Colorado Medical Center [468]							
Colorado General Hospital [1-8]	Denver	R. W. Virtue	3,281	1,569	4	7	160
Denver General Hospital [1-8]	Denver	R. W. Virtue	2,491	1,423	..	..	157
Bridgeport Hospital [1-8]	Bridgeport, Conn.	D. L. Massey	7,636	2,078	1	2	275
Hartford Hospital [1-8-61]	Hartford, Conn.	R. M. Tovell	43,501	17,300	10	20	100
St. Francis Hospital [1-8]	Hartford, Conn.	S. J. Martin	17,344	7,156	3	6	125
Grace-New Haven Community Hospital [1-8]	New Haven, Conn.	N. M. Greene	12,492	9,500	3	7	50
Hospital of St. Raphael [8]	New Haven, Conn.	M. Garofalo	8,558	5,824	2	4	150
District of Columbia General Hospital [1-8]	Washington, D. C.	S. N. Albert	5,034	3,908	3	5	153
Doctors Hospital [1-8]	Washington, D. C.	D. Stubbs	7,981	6,824	2	4	250
Garfield Memorial Hospital [1-8-462]	Washington, D. C.	W. E. Bageant	4,447	126	2	4	210
Georgetown University Hospital	Washington, D. C.	T. F. McDermott	8,901	5,305	3	10	100
George Washington University Hospital [1-8]	Washington, D. C.	C. S. Coakley	11,135	8,897	5	11	150
University Hospital [1]	Augusta, Ga.	P. P. Volpitto	5,818	4,501	7	12	200
Emory University Hospital	Emory University, Ga.	W. H. Galvin	8,301	6,316	..	3	215
American Hospital [1-8]	Chicago	D. Katz	2,396	7,567	5	5	65
Michael Reese Hospital [1-8]	Chicago	J. Bolgla	9,445	4,205	2	4	125
Mount Sinai Hospital [1-8]	Chicago	R. Weyl	5,760	5,292	3	8	100
Northwestern University Medical Center							
Chicago Wesley Memorial Hospital [1-8-451]	Chicago	M. Karp	10,999	9,474	2	4	50
St. Luke's Hospital [1-8]	Chicago	P. W. Searles	6,359	4,360	3	9	75
University of Chicago Clinics [1-8]	Chicago	E. T. Morch	10,586	6,936	2	3	200
University of Illinois Research and Educational Hospitals [1-8-114]	Chicago	M. S. Sadove	4,376	3,840	5	11	125
Evanston Hospital [1-8]	Evanston, Ill.	C. Baldwin	6,650	1,665	1	2	225
St. Francis Hospital [1]	Evanston, Ill.	H. L. Harris	9,628	7,131	1	2	175
St. Joseph's Hospital [1-121]	Joliet, Ill.	L. D. Ruttle	6,224	4,754	2	4	350
Indianapolis General Hospital [1-8]	Indianapolis	R. E. Vore	13,135	3,422	3	5	205
Indiana University Medical Center [1-125]	Indianapolis	V. K. Stoelting	10,053	7,037	7	14	165
State University of Iowa Hospitals [1-8]	Iowa City, Iowa	S. C. Cullen	11,435	6,991	7	14	140
University of Kansas Medical Center [1-8]	Kansas City, Kan.	P. Lorban	7,999	3,428	4	8	125
Veterans Admin. Hospital [1]	Kansas City, Mo.	R. Bumgarner	2,478	258	..	2	...
St. Francis Hospital [1-8]	Wichita, Kan.	R. T. Parmley	11,799	1,408	2	5	275
Louisville General Hospital [1-8-184]	Louisville, Ky.	R. P. Bergner	12,255	9,710	3	7	83
Charity Hospital of Louisiana [1]	New Orleans	J. Adriani	24,000	16,150	6	12	125
Ochsner Foundation Hospital [1]	New Orleans	G. B. Grant	5,397	2,220	3	6	225
Eastern Maine General Hospital [1-8]	Bangor, Maine	C. S. Dwyer	6,266	3,133	1	2	100
Central Maine General Hospital [1]	Lewiston, Maine	G. Clapperton	4,109	3,558	1	1	225
Maine General Hospital [1]	Portland, Maine	J. R. Lincoln	6,498	4,360	4	4	100
University Hospital [1-8]	Baltimore	P. Hackett	6,329	4,079	4	8	150
Boston City Hospital [1-8]	Boston	P. S. Marcus	18,073	10,017	..	12	162
Lahey Clinic [1-8-174-175]	Boston	U. H. Eversole	6,170	4,688	5	10	200
Massachusetts General Hospital [1-8]	Boston	H. K. Beecher	12,875	8,000	8	16	67
Massachusetts Memorial Hospitals [1-8-175]	Boston	J. Arrowood	3,803	2,519	2	4	75
New England Center Hospital [1-8-181]	Boston	B. E. Etsten	2,596	1,947	3	6	100
New England Deaconess Hospital	Boston	L. V. Hand—F. J. Audin	8,235	2,738	3	6	200
New England Hospital [1-8]	Boston	E. Bartlett	3,975	1,667	1	2	75
Peter Bent Brigham Hospital [1-8]	Boston	L. D. Vandam	3,424	2,407	..	2	42
St. Elizabeth's Hospital [1-8]	Boston	L. P. Zentgraf	7,591	3,575	1	2	125
Cambridge City Hospital [1]	Cambridge, Mass.	D. R. Branch	3,587	1,247	1	2	125
Mount Auburn Hospital [1-8-188]	Cambridge, Mass.	J. H. Buskirk	4,980	3,150	1	4	150
Springfield Hospital [1-8]	Springfield, Mass.	H. N. Memery	6,240	2,179	1	2	125
St. Vincent Hospital [1-8]	Worcester, Mass.	W. J. Martin, Jr.	6,923	4,485	2	4	175

Numerical and other references will be found on pages 387 through 390.

2. ANESTHESIOLOGY—Continued

Name of Hospital	Location	Chief of Service	Total Anesthetics	Inhalation Anesthetics	First Year Residencies Offered [6]	Total Residencies Offered [6]	Beginning Stipend (Month)
Worcester City Hospital [3]	Worcester, Mass.	W. Allegree	4,906	1,627	2	2	215
University Hospital [1-3]	Ann Arbor, Mich.	R. B. Sweet	11,168	3,501	3	6	154
Harper Hospital [1-3]	Detroit	A. B. Stearns	15,519	5,320	2	4	225
Henry Ford Hospital [1-3]	Detroit	P. Dumke	15,915	6,398	4	8	225
Providence Hospital [1]	Detroit	N. M. Bittrich	6,770	1,820	1	3	275
Receiving Hospital [1-3-203]	Detroit	F. E. Greifenstein	8,526	2,215	5	12	200
Sinai Hospital	Detroit	E. Brown	6,684	3,414	1	2	275
Butterworth Hospital [1-3]	Grand Rapids, Mich.	L. M. Byrd	11,107	2,829	1	2	225
University of Minnesota Hospitals [1-3-450]	Minneapolis	F. Van Bergen	18,545	7,559	15	31	185
Mayo Foundation [1]	Rochester, Minn.	A. J. Faulconer	30,000	20,000	7	16	150
University Hospital	Jackson, Miss.	G. Bittenbender	1,370	1,019	2	4	250
Research Hospital [1-3]	Kansas City, Mo.	M. C. Peterson	7,197	3,572	1	2	150
Barnes Hospital	St. Louis	R. B. Dodd	16,941	15,247	4	8	50
St. John's Hospital [1-3]	St. Louis	S. Brown	7,300	1,228	1	2	200
University of Nebraska Hospital [1-3]	Omaha	M. M. Musselman	2,023	1,587	2	2	175
Mary Hitchcock Memorial Hospital [1-3]	Hanover, N. H.	R. H. Barrett	5,005	2,405	2	4	188
Hackensack Hospital [1-3]	Hackensack, N. J.	L. W. Netz	8,824	7,511	1	2	150
Jersey City Medical Center [1-3]	Jersey City, N. J.	W. J. Gleeson	5,487	2,710	4	5	92
Orange Memorial Hospital [1-3]	Orange, N. J.	J. A. Bernhard	4,567	2,499	1	2	150
St. Joseph Hospital [1-3-246]	Paterson, N. J.	E. T. Lawless	6,428	5,246	2	4	150
Albany Hospital [1-3]	Albany, N. Y.	G. Converse	7,712	5,142	4	9	160
Beth El Hospital [1-3]	Brooklyn, N. Y.	A. C. Goldfeder	7,232	2,535	2	3	125
Jewish Hospital [1-3]	Brooklyn, N. Y.	I. M. Pallin	7,823	3,656	4	8	100
Kings County Hospital	Brooklyn, N. Y.	M. Harmel	8,300	7,300	6	12	104
Maimonides Hospital [1-3]	Brooklyn, N. Y.	L. Holzmann	8,822	5,311	..	3	75
St. Catherine's Hospital [1-3]	Brooklyn, N. Y.	F. P. Ansbro	3,245	2,105	1	3	150
Buffalo General Hospital [1-3-256]	Buffalo	R. N. Terry	13,472	102	2	4	175
Edward J. Meyer Memorial Hospital [1]	Buffalo	E. D. Babbage	4,685	2,961	2	5	248
Millard Fillmore Hospital	Buffalo	E. D. Babbage	11,294	1,453	1	2	285
Flushing Hospital and Dispensary [1-3]	Flushing, N. Y.	E. Apogi	7,269	6,501	1	2	175
Long Island Jewish Hospital [1-3]	New Hyde Park, N. Y.	S. N. Surks	4,985	3,268	2	4	75
Bellevue Hospital Center							
Div. IV—New York University Post Graduate Medical School [1-3-284]	New York City	E. A. Rovenstine	19,025	9,150	10	22	165
Beth Israel Hospital [1-3]	New York City	S. G. Hershey	6,026	4,520	2	4	140
Harlem Hospital [1-3]	New York City	H. D. Mayer	7,657	3,139	2	4	165
Hospital for Joint Diseases [1-3-290]	New York City	A. M. Betcher	3,047	2,311	2	3	80
Lenox Hill Hospital [1-3]	New York City	M. Frick	8,121	6,118	2	3	180
Memorial Center for Cancer and Allied Diseases							
James Ewing Hospital [1-3]	New York City	W. S. Howland	1,576	855	..	..	200
Memorial Hospital [1-3-291]	New York City	W. S. Howland	6,945	1,888	2	9	200
Montefiore Hospital [1-3]	New York City	E. Kepes	2,442	1,000	2	3	75
Mount Sinai Hospital [1-3]	New York City	M. Adelman	12,859	8,244	4	7	50
New York Hospital [1-3]	New York City	J. F. Artusio Jr.	9,067	6,655	5	10	116.67
New York Medical College—Metropolitan Medical Center							
Flower and Fifth Avenue Hospitals [1-3]	New York City	F. Fierro	8,550	4,743	1	2	...
Metropolitan Hospital [1-3]	New York City	F. Fierro	5,009	2,395	4	8	165
New York Polyclinic Medical School and Hospital [1-3]	New York City	J. Milowsky	6,054	3,335	3	6	100
Presbyterian Hospital [1]	New York City	E. M. Papper	22,725	17,389	11	26	250
St. Clare's Hospital [1-3]	New York City	G. A. Keating	3,005	1,652	1	2	200
St. Luke's Hospital [1-3]	New York City	G. E. Burford	5,370	4,012	3	6	100
St. Vincent's Hospital [1-3]	New York City	V. J. Collins	5,506	3,960	3	6	125
Genesee Hospital [1-3]	Rochester, N. Y.	E. Kistler	5,827	4,403	1	2	150
St. Mary's Hospital [1-3]	Rochester, N. Y.	M. Weingarten	9,405	4,126	2	4	200
Strong Memorial—Rochester Municipal Hospital [1-3]	Rochester, N. Y.	D. V. Thomas	8,438	6,088	4	5	92
Ellis Hospital [1-3]	Schenectady, N. Y.	H. A. Snell	7,737	5,384	1	1	150
St. Joseph's Hospital [1-3]	Syracuse, N. Y.	C. J. Geiger, Jr.	7,111	5,422	1	2	191
State University of New York Upstate Medical Center Hospitals [1-3]	Syracuse, N. Y.	E. J. Delmonico	10,470	4,988	2	6	192
Grasslands Hospital [1-3]	Valhalla, N. Y.	H. F. Bishop	1,847	791	1	3	175
North Carolina Memorial Hospital [1-3]	Chapel Hill, N. C.	D. A. Davis	3,108	2,295	2	4	156
Duke University Hospital [1-3-323]	Durham, N. C.	C. R. Stephen	11,535	6,960	6	12	160
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	R. L. Wall	6,229	2,145	1	1	125
Mercy Hospital [1-3]	Canton, Ohio	L. L. Frick	6,222	2,849	3	6	200
Christ Hospital [1]	Cincinnati	L. E. Larriek	11,466	3,255	1	2	200
City Hospital [1-3]	Cleveland	H. Kretchmer	8,743	3,540	2	4	150
Cleveland Clinic Hospital [1-3]	Cleveland	D. E. Hale	4,002	3,194	4	8	175
Huron Road Hospital [1-3]	Cleveland	J. K. Potter	9,630	7,210	5	10	150
Mount Sinai Hospital [1-3]	Cleveland	S. Katz	10,178	5,908	2	4	215
St. Alexis Hospital	Cleveland	M. Oppenheim	5,719	3,337	2	2	250
St. Luke's Hospital [1-3]	Cleveland	B. B. Sankey	12,286	5,171	3	5	180
University Hospitals [1-3]	Cleveland	R. A. Hingson	16,419	8,368	5	11	125
Ohio State University Hospitals University Hospital [1-3-345-349]	Columbus, Ohio	J. J. Jacoby	16,948	13,940	10	19	152
Marymount Hospital [1-3]	Garfield Heights, Ohio	N. G. De Piero	5,275	3,417	2	4	200
Youngstown Hospital [1-3]	Youngstown, Ohio	D. W. Metcalf	15,582	11,972	4	8	175
University of Oklahoma Hospitals [1-3-352]	Oklahoma City	J. M. White	5,656	4,759	4	8	...
University of Oregon Medical School Hospitals and Clinics [340]	Portland, Ore.	F. P. Haugen	5,203	2,809	3	6	160
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	J. M. Schwab	4,895	1,060	2	4	175
Albert Einstein Medical Center Northern Division [1-3]	Philadelphia	M. L. Bernstine	8,288	7,128	4	10	200
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	H. H. Stone	6,323	4,426	4	6	100
Hahnemann Medical College and Hospital [3]	Philadelphia	A. J. Catenacci	9,153	6,795	4	8	75
Hospital of the University of Pennsylvania [1-3]	Philadelphia	R. Dripps	14,200	6,800	7	21	125
Hospital of the Woman's Medical College of Pennsylvania [1-3]	Philadelphia	H. H. Stone	3,500	2,994	1	2	140
Jefferson Medical College Hospital	Philadelphia	L. J. Hampton	12,254	5,061	5	10	125
Pennsylvania Hospital [1-3]	Philadelphia	M. V. Troncelliti	8,978	5,386	2	2	100
Philadelphia General Hospital [1-3]	Philadelphia	E. H. Connor	5,000	3,540	4	4	114
Presbyterian Hospital [1-3]	Philadelphia	S. Schotz	4,976	4,234	2	4	150
Temple University Hospital [1-3]	Philadelphia	L. W. Krumperman	11,935	5,474	..	..	...
Allegheny General Hospital [1]	Pittsburgh	R. L. Patterson	11,516	7,325	3	6	200
Mercy Hospital [1-3]	Pittsburgh	F. F. Foldes	10,939	4,786	4	10	175
Montefiore Hospital [1-3]	Pittsburgh	L. David	6,076	3,753	2	2	225
St. Francis General Hospital and Rehabilitation Institute [1]	Pittsburgh	G. J. Thomas	10,404	3,537	2	4	200
Reading Hospital [1-3]	Reading, Pa.	M. Kerry	6,011	4,801	2	4	225
Robert Packer Hospital [1-3]	Sayre, Pa.	W. Brehm	6,917	3,368	2	4	200
Miriam Hospital [1-3]	Providence, R. I.	N. S. Rakatansky	3,454	1,650	1	1	200
Rhode Island Hospital [1-3-380]	Providence, R. I.	M. Saklad	7,811	3,924	1	4	190
Roper Hospital [1-3]	Charleston, S. C.	J. C. Doerr	6,840	3,361	3	6	138
Baroness Erlanger Hospital [1-3]	Chattanooga, Tenn.	G. E. Cox	6,288	3,937	4	6	175

Numerical and other references will be found on pages 387 through 390.

2. ANESTHESIOLOGY—Continued

Name of Hospital	Location	Chief of Service	Total Anesthetics	Inhalation Anesthetics	First Year Residencies Offered [4]	Total Residencies Offered [4]	Beginning Stipend (Month)
Vanderbilt University Hospital	Nashville, Tenn	B. H. Robbins	6,028	4,582	2	4	50
Baylor University Hospital [1-3]	Dallas, Texas	R. F. Courtin	13,439	19,396	1	2	160
Parkland Memorial Hospital [1-3]	Dallas, Texas	M. T. Jenkins	3,205	1,720	4	5	150
Harris Hospital [1-3]	Fort Worth, Texas	A. N. Heinrichs	10,279	9,437	2	4	300
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	C. R. Allen	7,154	6,081	5	12	160
Baylor University Coll. of Med. Affiliated Hospitals							
Jefferson Davis Hospital [1-3]	Houston, Texas	A. S. Keats	4,815	2,487	2	4	75
Methodist Hospital [1-3]	Houston, Texas	P. H. Chalmers	8,998	.....	2	4	100
Univ. of Texas M. D. Anderson Hospital and Tumor Clinic [1-3]	Houston, Texas	W. S. Derrick	3,493	2,096	3	6	150
Veterans Admin. Hospital [1-3]	Houston, Texas	W. H. Mannheimer	5,177	1,795	2	4	...
Hermann Hospital [1-3]	Houston, Texas	L. F. Schumacher, Jr.	15,950	4,748	2	4	100
St. Joseph's Hospital	Houston, Texas	E. A. Hoeflich	12,591	5,712	1	1	150
Baptist Memorial Hospital [1-3]	San Antonio, Texas	G. B. Ladd	8,420	4,605	1	2	150
Scott and White Memorial Hospitals [1-3]	Temple, Texas	C. H. Gillespie	5,225	3,516	2	4	250
University of Utah Affiliated Hospitals			14,663	.....	4	8	...
Holy Cross Hospital [1-3]	Salt Lake City, Utah	P. A. Clayton	5,900	4,613	1	2	200
St. Mark's Hospital [1-3]	Salt Lake City, Utah	H. O. Brown	5,716	4,714	..	1	225
Salt Lake County General Hospital	Salt Lake City, Utah	C. M. Ballinger	1,998	1,570	2	3	175
Veterans Admin. Hospital (12th Avenue Unit)	Salt Lake City, Utah	C. J. Metcalf	873	457	1	2	...
Veterans Admin. Hospital (Ft. Douglas Unit) [1]	Salt Lake City, Utah	H. R. Mershon	171	93	..	..	...
University of Vermont Affiliated Hospitals							
De Goesbriand Memorial Hospital [1-3]	Burlington, Vt.	J. Abajian	5,686	3,027	1	2	100
Mary Fletcher Hospital [1-3-412]	Burlington, Vt.	J. Abajian, Jr.	3,449	1,546	3	5	100
Medical College of Virginia—Hospital Division [1-3]	Richmond, Va.	W. E. Pembleton	14,809	4,457	..	5	75
Doctors Hospital [1-3]	Seattle	L. F. Turnbull	5,604	3,419	1	2	250
University of Washington Affiliated Hospitals							
Children's Orthopedic Hospital [1]	Seattle	D. W. Compton	3,315	.....	..	..	...
King County Hospital Unit No. 1 (Harborview) [1-422]	Seattle	L. E. Morris	2,825	1,755	4	6	125
Veterans Admin. Hospital [1-3]	Seattle	L. E. Morris	1,437	307	1	3	...
Virginia Mason Hospital [1-3]	Seattle	D. C. Moore	6,674	3,065	3	6	175
Tacoma General Hospital [1-3]	Tacoma, Wash.	J. J. Bonica	5,565	2,957	3	6	200
Ohio Valley General Hospital [1-3]	Wheeling, W. Va.	D. E. Greenelch	6,791	6,160	2	4	300
University Hospitals [1-3]	Madison, Wis.	O. S. Orth	5,887	5,066	6	12	175
San Juan City Hospital [1-3]	San Juan, Puerto Rico	F. J. Gonzalez	3,169	1,431	2	4	150

3. AVIATION MEDICINE

The following programs have been approved for training by the Council and the American Board of Preventive Medicine, through the Residency Review Committee for Preventive Medicine.

FEDERAL

School	Location	Director	Stipend (Month)
UNITED STATES AIR FORCE			
Wright-Patterson Air Force Base	Dayton, Ohio	Brig. Gen. Edw. J. Tracy	.....
School of Aviation Medicine	Randolph Field, Texas	Brig. Gen. O. O. Benson, Jr.	.....
UNITED STATES NAVY			
School of Aviation Medicine	Pensacola, Fla.	Capt. J. C. Early	.....

NONFEDERAL

Ohio State University Medical Center	Columbus, Ohio	W. F. Ashe, M. D.	.....

4. CARDIOVASCULAR DISEASES

Residency programs in the following hospitals have been approved for ONE year of training by the Council and the Subspecialty Board for Cardiovascular Diseases of the American Board of Internal Medicine.
Hospitals, 45: Assistant Residencies and Residencies, 91

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [4]	Total Residencies Offered [4]	Beginning Stipend (Month)
UNITED STATES ARMY							
Letterman Army Hospital [1]	San Francisco	R. P. Johnson	498	19	1	1	...
Fitzsimons Army Hospital [1]	Denver	B. E. Pollock	325	18	1	1	...
Army Medical Center [1-3]	Washington, D. C.	T. W. Mattingly	617	58	2	2	...
Brooke Army Hospital [1-3]	San Antonio, Texas	W. J. Walker	666	29	1	1	...
UNITED STATES NAVY							
U. S. Naval Hospital	Bethesda, Md.	R. C. Parker, Jr.	543	37	1	1	...
VETERANS ADMINISTRATION							
Veterans Admin. Hospital [1-3]	Long Beach, Calif.	E. Temkin	760	89	..	1	...
Veterans Admin. Hospital—West Haven Division	West Haven, Conn.	M. Calabresi	410	30	..	1	...
Veterans Admin. Hospital [1]	Hines, Ill.	L. A. Baker	1,416	80	..	1	...
Veterans Admin. Hospital [1-3]	Richmond, Va.	W. T. Thompson, Jr.	1,035	43	..	2	...

NONFEDERAL

University of California Hospitals [1-3]	San Francisco	M. Sokolow	1,285	..	..	2	200
George Washington University Hospital [1-3]	Washington, D. C.	J. M. Evans	398	36	..	3	150
Jackson Memorial Hospital	Miami, Fla.	R. Jones, Jr.	1,612	122	..	..	75
St. Joseph's Infirmary [1-3]	Atlanta, Ga.	S. Claiborne	526	20	..	1	165
Children's Memorial Hospital [1-3]	Chicago	.....	...	..	..	..	...
Michael Reese Hospital [1-3]	Chicago	L. N. Katz	963	67	10	10	...
Indianapolis General Hospital [1-3]	Indianapolis	K. Kohlstaedt	372	17	..	1	300
St. Vincent's Hospital	Indianapolis	A. B. Richter	451	26	..	1	...
University of Kansas Medical Center [1-3]	Kansas City, Kan.	E. G. Dimond	370	20	3	3	125
Beth Israel Hospital [1-3]	Boston	H. L. Blumgart	Incl. in Int. Med.		2	2	50
Peter Bent Brigham Hospital [1-3]	Boston	G. W. Thorn	Incl. in Int. Med.		..	8	...
Henry Ford Hospital [1-3]	Detroit	J. W Keyes	1,712	78	..	4	225
Mayo Foundation [1]	Rochester, Minn.	.....	2,000	..	..	2	150
University of Nebraska Hospitals [1-3]	Omaha, Nebr.	R. L. Grissom	...	..	1	1	200
Buffalo General Hospital [1-3]	Buffalo	E. J. Lippschultz	Incl. in Int. Med.		1	1	175
Irvington House	Irvington, N. Y.	H. F. Wood	...	..	..	..	...
Lenox Hill Hospital [1-3]	New York City	C. E. Kossmann	...	..	1	1	180

Numerical and other references will be found on pages 387 through 390.

4. CARDIOVASCULAR DISEASES—Continued

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Beginning Stipend (Month)
Memorial Center for Cancer and Allied Diseases							
James Ewing Hospital [1-3]	New York City	J. La Due	...	..	..	..	333
Memorial Hospital [1-3]	New York City	J. La Due	...	..	..	1	333
St. Luke's Hospital [1-3]	New York City	G. J. Coffin	Incl. in Int. Med.		2	2	125
St. Francis Hospital and Sanatorium [1]	Roslyn, L. I., N. Y.	W. J. Noble	259	1	4	4	250
Duke University Hospital [1-3-329]	Durham, N. C.	E. S. Orgain	356	11	..	3	300
Cincinnati General Hospital	Cincinnati		...	..	..	..	...
Cleveland Clinic Hospital [1-3]	Cleveland	I. H. Page	164	8	6	6	175
University Hospitals [1-3]	Cleveland	J. T. Wearn	Incl. in Int. Med.		..	2	183
Ohio State University Hospitals							
University Hospital [1-3]	Columbus, Ohio	R. W. Kissane	Incl. in Int. Med.		..	2	152
White Cross Hospital [1-3]	Columbus	R. W. Kissane	423	26	1	1	275
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	S. Bellet	210	4	2	2	...
Pennsylvania Hospital [1-3]	Philadelphia	J. B. Vander Veer	Incl. in Int. Med.		2	2	20
Philadelphia General Hospital [1-3]	Philadelphia	S. Bellet	...	..	7	8	114
Temple University Hospital [1-3]	Philadelphia		...	..	..	..	...
Presbyterian Hospital	Pittsburgh	F. J. Gregg	542	34	..	..	125
St. Francis General Hospital and Rehabilitation Institute [1]	Pittsburgh	A. P. D'Zmura	4,849	69	..	1	250
Rhode Island Hospital [1-3]	Providence, R. I.	F. B. Cutts	5,331	..	1	1	150
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	G. R. Herrmann	Incl. in Int. Med.		1	3	100
University Hospitals [1-3]	Madison, Wis.	C. W. Crumpton	Incl. in Int. Med.		1	2	300

5. CONTAGIOUS DISEASES

Residency programs in the following hospitals have been approved for ONE year of training by the Council on Medical Education and Hospitals.
Hospitals, 4; Assistant Residencies and Residencies, 7.

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Beginning Stipend (Month)
Cook County Hospital [1-3]	Chicago	A. Hoyne	1,043	23	1	1	75
Massachusetts Memorial Hospitals [1-3]	Boston	L. Weinstein	1,084	34	..	4	100
Worcester City Hospital	Worcester, Mass.		...	..	..	..	...
Philadelphia General Hospital—Northern Division [1-3]	Philadelphia	A. C. La Boccetta	498	5	2	2	112

6. DERMATOLOGY AND SYPHILOLOGY

Residency programs in the following hospitals have been approved by the Council and the American Board of Dermatology, Inc., through the Residency Review Committee for Dermatology and Syphilology.
Hospitals, 78; Assistant Residencies and Residencies, 280.

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Outpatient Visits	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
UNITED STATES ARMY								
Letterman Army Hospital	San Francisco	J. B. Richardson	124	.....	1	3	2	...
Army Medical Center [1-3]	Washington, D. C.	R. S. Higdon	356	14,959	4	12	3	...
Brooke Army Hospital [1-3]	San Antonio, Texas	G. Prazak	159	15,432	3	9	3	...
UNITED STATES NAVY								
U. S. Naval Hospital [1]	San Diego, Calif.	J. H. Lockwood	431	14,446	2	4	3	...
U. S. Naval Hospital [1-3]	Philadelphia	C. D. Bell	126	6,254	2	3	2	...
UNITED STATES PUBLIC HEALTH SERVICE								
U. S. Public Health Service Hospital [1-3-318]	Staten Island, N. Y.	B. J. Chester	547	7,242	1	3	3	...
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE								
Freedmen's Hospital [1-3]	Washington, D. C.	C. W. Freeman	1	4,122	1	1	2	218
VETERANS ADMINISTRATION								
Veterans Admin. Hospital [1-3]	Long Beach Calif.	S. W. Becker	436	3,687	1	3	3	...
Veterans Admin. Hospital [1-3]	Los Angeles	E. T. Wright	887	6,650	3	7	3	...
Veterans Admin. Hospital [1]	Hines, Ill.	A. Rostenberg	604	.....	2	2	1	...
Veterans Admin. Hospital [1-3]	New Orleans	C. B. Kennedy	...	78	.	.	1	...
Veterans Admin. Hospital [1-3]	Fort Howard, Md.	M. Sullivan	104	6	1	2	3	...
Veterans Admin. Hospital [1-3]	Minneapolis	H. E. Michelson	224	95	1	2	3	...
Veterans Admin. Hospital [1-3-291]	New York City (Bronx)	H. Shatin	524	3,017	1	3	3	...
Veterans Admin. Hospital [1-3-249]	New York City (Manhattan)	P. Michaelides	150	1,300	1	3	3	...
Veterans Admin. Hospital [1-3-454]	Milwaukee (Wood), Wis.	H. R. Foerster	720	7,588	1	2	3	...
NONFEDERAL								
University of Alabama Medical Center								
University Hospital and Hillman Clinic [1-3]	Birmingham, Ala.	R. O. Noojin	89	2,632	1	3	3	108
Lloyd Noland Hospital [1-3]	Fairfield, Ala.	P. G. Reque	90	4,435	1	1	1	225
Los Angeles County Hospital [1]	Los Angeles	M. Obermyer	729	15,255	.	3	3	246
White Memorial Hospital [1-3]	Los Angeles	M. Couperus	18	4,525	1	2	2	151
Stanford University Hospitals [1-3]	San Francisco	E. M. Farber	81	7,616	2	6	3	80
University of California Hospital [1-3]	San Francisco	R. B. Rees, Jr.	46	1	2	4	3	200
University of Colorado Medical Center [1-403]								
Colorado General Hospital [1-3]	Denver	O. S. Philpott	30	3,526	.	1	1	160
Georgetown University Hospital	Washington, D. C.	F. J. Eichenlaub	14	1,314	1	2	2	100
Cook County Hospital [1-3]	Chicago	S. M. Bluefarb	374	8,815	1	3	3	75
Michael Reese Hospital [1-3]	Chicago	A. Buchholz	104	3,696	1	1	1	100
Northwestern University Medical Center [1-3-102]	Chicago	H. Rattner	255	3,374	2	6	3	...
University of Chicago Clinics [1-3]	Chicago	S. Rothman	209	10,478	3	9	3	200
University of Illinois Research and Educational Hospitals [1-3]	Chicago	M. R. Caro	40	10,998	.	1	3	125
Indianapolis General Hospital [1-3]	Indianapolis	J. Dalton	60	9,230	1	3	3	205
State University of Iowa Hospitals [1-3]	Iowa City	R. Nomland	305	3,981	1	3	3	140
Charity Hospital of Louisiana								
Independent Unit [1]	New Orleans	V. M. Henington	54	5,105	1	3	3	100
Louisiana State University Unit [1]	New Orleans	C. B. Kennedy	210	10,411	1	3	3	100
Tulane University Unit [1]	New Orleans	G. E. Burch	184	9,850	1	3	3	100
University Hospital [1-3]	Baltimore	H. M. Robinson, Jr.	13	7,700	1	3	3	...

Numerical and other references will be found on pages 387 through 390.

6. DERMATOLOGY AND SYPHITOLOGY—Continued

Name of Hospital	Location	Chief of Service	Inpatients Treated	Outpatient Visits	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Stipend Beginning (Month)
Boston City Hospital [1-3]	Boston	B. Appel	85	17,097	1	3	3	112
Massachusetts General Hospital [1-3]	Boston	C. N. Frazier	291	800	1	4	3	67
Massachusetts Memorial Hospitals [1-3]	Boston	H. Mescon	...	4,708	1	4	1	50
University Hospital [1-3]	Ann Arbor, Mich.	A. C. Curtis	608	6,790	4	14	3	154
Henry Ford Hospital [1-3]	Detroit	C. S. Livingood	386	30,144	2	8	3	225
Receiving Hospital [1-3-202]	Detroit	L. W. Shaffer	2	.....	1	3	3	200
Minneapolis General Hospital [1-3]	Minneapolis	C. W. Laymon	237	4,450	1	2	3	185
University of Minnesota Hospitals [1-3-212]	Minneapolis	H. E. Michelson	135	3,803	3	7	3	185
Mayo Foundation [1]	Rochester, Minn.	L. A. Brunsting	737	23,443	5	16	3	150
Ancker Hospital [1-3]	St. Paul	F. P. Lynch	174	2,845	1	1	3	185
Barnes Hospital [1-3]	St. Louis	H. N. Eisen	...	1,649	1	2	3	50
St. Mary's Group of Hospitals [1-3-221]	St. Louis	G. V. Stryker	97	4,103	1	3	3	100
Mary Hitchcock Memorial Hospital [1-3]	Hanover, N. H.	W. C. Lobitz, Jr.	196	6,437	1	3	3	188
Kings County Hospital County Service [1]	Brooklyn, N. Y.	C. T. Chiaramonte	444	11,562	1	2	1	104
Edward J. Meyer Memorial Hospital [1]	Buffalo	E. D. Osborne	117	937	1	3	3	248
Elmhurst General Hospital [1-3-158]	Elmhurst, N. Y.	J. J. Eller	214	7,527	1	2	1	105
Bellevue Hospital Center Division IV-New York University Post-Graduate Medical School [1-3-275]	New York City	M. Sulzberger	389	22,636	3	7	3	105
Mount Sinai Hospital [1-3]	New York City	S. Peck	15	7,991	.	1	2	50
New York Hospital [1-3]	New York City	G. Lewis	...	10,995	1	1	3	116.67
New York Polyclinic Medical School and Hospital [1-3]	New York City	A. C. Cipollaro	21	.....	.	2	3	100
New York University—Bellevue Medical Center University Hospital (Skin and Cancer)-[269]	New York City	M. Sulzberger	186	80,478	3	6	3	50
Presbyterian Hospital [1]	New York City	C. T. Nelson	342	33,685	1	3	3	250
St. Luke's Hospital [1-3]	New York City	L. P. Barker	...	8,077	1	1	3	100
Duke University Hospital [1-3-323]	Durham, N. C.	J. L. Calloway	207	1,695	1	3	3	102
Cincinnati General Hospital [1-3-329]	Cincinnati	L. Goldman	195	4,533	3	6	3	100
City Hospital [1-3]	Cleveland	B. P. Persky	184	6,081	1	3	3	150
Cleveland Clinic Hospital [1-3]	Cleveland	E. D. Netherton	288	15,500	1	3	3	175
University Hospitals [1-3]	Cleveland	J. R. Driver	79	4,791	1	2	3	125
University of Oklahoma Hospitals [1-3]	Oklahoma City	J. H. Lamb	32	2,037	1	2	2	...
University of Oregon Medical School Hospitals and Clinics	Portland, Ore.	T. B. Fitzpatrick	97	5,525	1	3	3	100
Geo. F. Geisinger Memorial Hospital [1-3]	Danville, Pa.	R. F. Dickey	61	8,983	.	.	3	125
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	H. Beerman	49	3,799	2	3	3	...
Hahnemann Medical College and Hospital [3]	Philadelphia	C. Burgoon, Jr.	27	.....	1	3	1	75
Hospital of the University of Pennsylvania [1-3]	Philadelphia	D. Pillsbury	138	6,403	4	12	3	...
Jefferson Medical College Hospital [1-3]	Philadelphia	H. B. Decker	12	5,315	1	1	1	...
Pennsylvania Hospital [1-3]	Philadelphia	H. Beerman	...	2,577	1	1	1	20
Philadelphia General Hospital [1-3]	Philadelphia	C. F. Burgoon	109	.....	1	1	1	114
Skin and Cancer Hospital [1-3]	Philadelphia	C. S. Wright	458	29,391	4	4	2	50
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	J. F. Mullins	129	7,041	2	6	3	100
Baylor University College of Medicine Affiliated Hospitals Jefferson Davis Hospital [1-3]	Houston, Texas	E. R. Seale	1	2,671	2	2	3	75
University of Virginia Hospital [1-3]	Charlottesville, Va.	E. P. Cawley	200	9,000	2	6	3	50
Medical College of Virginia-Hospital Division [1-3]	Richmond, Va.	A. Pepple	17	5,243	.	1	1	100
University Hospitals [1-3]	Madison, Wis.	S. A. M. Johnson	212	5,109	1	1	1	175

7. GASTROENTEROLOGY

Residency programs in the following hospitals have been approved for ONE year of training by the Council and the Subspecialty Board for Gastroenterology of the American Board of Internal Medicine.
Hospitals, 30; Assistant Residencies and Residencies, 66

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Beginning Stipend (Month)
FEDERAL							
UNITED STATES ARMY							
Letterman Army Hospital [1]	San Francisco	E. L. Kehoe	261	14	1	1	...
Army Medical Center [1-3]	Washington, D. C.	B. H. Sullivan, Jr.	646	9	1	1	...
Brooke Army Hospital [1-3]	San Antonio, Texas	N. M. Scott, Jr.	665	22	1	1	...
VETERANS ADMINISTRATION							
Veterans Admin. Hospital [1-3]	Long Beach, Calif.	S. J. Stempien	1,090	49	..	1	...
Veterans Admin. Hospital [1-3]	Los Angeles	M. I. Grossman	566	22	2	2	...
Veterans Admin. Hospital-West Haven Division	West Haven, Conn.	S. Selesnick	492	12	..	1	...
Veterans Admin. Research Hospital [1]	Chicago	(See Northwestern University Medical Center)					
Veterans Admin. Hospital [1-3]	Portland, Ore.	N. Medved-J. Fitzgibbon	289	3	..	1	...
Veterans Admin. Hospital [1-3]	Memphis, Tenn.	M. L. Gompertz	1,315	11	1	1	...
Veterans Admin. Hospital [1-3]	Richmond, Va.	W. T. Thompson, Jr.	775	15	..	2	...
Veterans Admin. Hospital [1-3]	Milwaukee (Wood), Wis.	J. J. Levin	930	39	..	2	...
NONFEDERAL							
University of California Hospital [1-3]	San Francisco	T. L. Althausen	....	..	..	3	200
Cook County Hospital [1-3]	Chicago	F. Steigmann	Incl. in Int. Med.		1	2	75
Northwestern University Medical Center Veterans Admin. Research Hospital [1]	Chicago	E. C. Texter, Jr.	....	..	..	2	...
University of Kansas Medical Center [1-3]	Kansas City, Kan.	A. P. Klotz	....	1	1	1	125
Ochsner Foundation Hospital [1]	New Orleans	M. Kleckner	102	5	1	1	225
Touro Infirmary [1]	New Orleans	L. Ochs, Jr.	699	1	1	2	125
Beth Israel Hospital [1-3]	Boston	B. M. Banks	Incl. in Int. Med.		1	1	166
Lahey Clinic [1-3-174]	Boston	S. M. Jordan	1,511	5	8	8	200
Massachusetts Memorial Hospitals [1-3]	Boston	F. Ingelfinger	Incl. in Int. Med.		..	4	...
Henry Ford Hospital [1-3]	Detroit	J. G. Mateer	1,329	24	..	6	225
Mayo Foundation [1]	Rochester, Minn.		Incl. in Int. Med.		..	4	150
Mount Sinai Hospital [1-3]	New York City	A. Gutman	Incl. in Int. Med.		..	4	50
New York Polyclinic Medical School and Hospital [1-3]	New York City	S. Weiss	111	2	1	1	100
Duke University Hospital [1-3-323]	Durham, N. C.	J. M. Ruffin	357	2	..	3	250
Cleveland Clinic Hospital [1-3]	Cleveland	E. N. Collins	476	12	1	1	175
Ohio State University Hospitals University Hospital	Columbus, Ohio	C. J. De Lor	Incl. in Int. Med.		..	1	152
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	H. L. Bockus	696	19	2	2	150
Hospital of the University of Pennsylvania [1-3]	Philadelphia	T. Machella	Incl. in Int. Med.		2	6	...
Jefferson Medical College Hospital [1-3]	Philadelphia	J. E. Deitrick	Incl. in Int. Med.		..	1	...
Temple University Hospital [1-3]	Philadelphia	H. Shay	Incl. in Int. Med.		..	..	...

Numerical and other references will be found on pages 387 through 390.

8. GENERAL PRACTICE

Residency programs in the following hospitals have been approved by the Council and the American Academy of General General Practice through the Residency Review Committee for General Practice.

Hospitals, 166; Assistant Residencies and Residencies, 669

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [5]	Total Residencies Offered [5]	Length of Approved Program (Years)	Beginning Stipend (Month)
FEDERAL								
UNITED STATES NAVY								
U. S. Naval Hospital [1]	San Diego, Calif.	E. F. Evans	.....	...	2	4	2	...
U. S. Naval Hospital [1-3]	Chelsea, Mass.	.....	.....	...	2	4	2	...
U. S. Naval Hospital [1-3]	Portsmouth, Va.	G. G. Burkley	.....	...	1	2	1	...
NONFEDERAL								
Good Samaritan Hospital [1]	Phoenix, Ariz.	L. M. Dagres	7,283	111	2	2	2	250
Maricopa County General Hospital [1-3]	Phoenix, Ariz.	D. H. Victor	.....	...	6	6	2	250
St. Mary's Hospital and Sanitorium [1-3]	Tucson, Ariz.	A. B. Thompson	7,440	46	2	2	2	200
St. Michael's Hospital [1-3]	Texarkana, Ark.	W. B. Harrell	6,946	39	1	2	2	250
General Hospital of Riverside County [1]	Arlington, Calif.	.....	2,586	46	5	5	1	391
Kern General Hospital [1]	Bakersfield, Calif.	R. Diekman	.....	...	8	8	1	325
St. Mary's Long Beach Hospital	Long Beach, Calif.	F. L. Bowton	16,562	113	1	2	2	300
Los Angeles County Hospital [1]	Los Angeles	W. D. Evans-L. Rosoff	.....	...	5	6	2	246
Contra Costa County Hospital [1]	Martinez, Calif.	H. Flanders	6,000	126	10	10	2	470
Kaiser Foundation Hospital [1-3]	Oakland, Calif.	H. S. Holmboe	.....	...	4	4	2	245
Sequoia Hospital [1]	Redwood City, Calif.	E. Nelson	8,969	68	5	5	2	300
Sacramento County Hospital [1-3]	Sacramento, Calif.	L. W. Farrell	13,258	532	8	12	2	300
Monterey County Hospital [1]	Salinas, Calif.	W. A. Cassidy	3,563	157	7	7	1	350
Community Hospital of San Mateo County	San Mateo, Calif.	J. P. Sweeney	Incl. in Int. Med.		9	9	2	375
Sonoma County Hospital [1-3]	Santa Rosa, Calif.	.....	.....	...	9	9	1	475
Tulare County General Hospital [1]	Tulare, Calif.	V. Dungan	3,208	99	7	7	2	385
Glockner-Penrose Hospital [1-3]	Colorado Springs, Colo.	C. S. Gydesen	.....	...	2	3	2	200
St. Francis Hospital [1-3]	Colorado Springs, Colo.	R. W. Urich	4,499	68	2	2	1	210
University of Colorado Medical Center [4-6]								
Colorado General Hospital [1-3]	Denver	C. W. Eisele	.....	...	8	22	2	160
Denver General Hospital [1-3]	Denver	.....	.....	...	..	..	2	...
Greenwich Hospital [1-3]	Greenwich, Conn.	G. Carter	7,755	136	1	1	1	150
Charlotte Hungerford Hospital [1-3]	Torrington, Conn.	M. E. Giobbe	6,065	87	2	4	2	100
Wilmington General Hospital [1-3]	Wilmington, Del.	F. S. Skura	7,007	55	8	8	1	250
Eastern Dispensary and Casualty Hospital [3]	Washington, D. C.	J. R. Young	4,810	34	10	10	2	300
Halifax District Hospital [1-3]	Daytona Beach, Fla.	F. A. Sica	.....	102	..	4	2	320
St. Luke's Hospital [1-3]	Jacksonville, Fla.	E. E. Leitner	1,070	18	1	2	2	225
St. Vincent's Hospital [1-3]	Jacksonville, Fla.	L. M. Wachtel	.....	...	2	4	2	225
Baptist Hospital	Pensacola, Fla.	W. C. Payne, Jr.	7,971	63	2	3	2	200
Sacred Heart Hospital [1-3]	Pensacola, Fla.	G. Hilbert	.....	...	4	4	1	200
Mound Park Hospital	St. Petersburg, Fla.	H. Cushman	2,749	130	1	1	2	284
Grady Memorial Hospital [1]	Atlanta, Ga.	E. B. Ferris, Jr.	.....	...	8	8	2	20
Columbus City Hospital [1-3]	Columbus, Ga.	H. Brill	10,257	96	4	4	1	250
Macon Hospital [1]	Macon, Ga.	E. C. McMillan	14,457	136	16	24	2	300
St. Joseph Hospital	Alton, Ill.	H. Halley	8,268	115	4	4	1	250
MacNeal Memorial Hospital [1-3]	Berwyn, Ill.	C. F. Hubner	2,065	25	5	5	1	225
Grant Hospital [1]	Chicago	K. S. Gustin	3,260	...	1	2	2	225
Illinois Masonic Hospital [1-3]	Chicago	J. S. Potticha	4,877	67	1	1	2	115
St. Mary of Nazareth Hospital [1-3]	Chicago	S. A. Motto	10,438	134	1	2	2	150
South Shore Hospital [1-3]	Chicago	S. H. Gumbiner	6,435	49	2	2	1	250
Decatur and Macon County Hospital [1]	Decatur, Ill.	H. S. Friedman	4,097	53	2	2	1	275
Methodist Hospital of Central Illinois [3]	Peoria, Ill.	H. G. Johnson	2,371	81	3	3	1	200
Swedish-American Hospital	Rockford, Ill.	C. W. Fredberg	8,370	98	1	2	1	...
St. Francis Hospital [1]	Beech Grove, Ind.	J. R. Moriarity	9,403	76	4	4	2	500
Methodist Hospital [1-3]	Gary, Ind.	M. Shellhouse	12,522	190	2	4	2	200
St. Margaret Hospital	Hammond, Ind.	L. W. Neal	14,328	115	2	4	2	300
Methodist Hospital [1-3]	Indianapolis	J. F. Rizk	10,056	36	1	2	2	278
St. Elizabeth Hospital [1]	Lafayette, Ind.	H. B. McAdams	.....	...	2	4	2	225
Memorial Hospital [1]	South Bend, Ind.	B. A. Biasini	12,229	143	2	2	2	250
St. Luke's Methodist Hospital [1-3]	Cedar Rapids, Iowa	C. H. Stark	13,867	171	6	6	2	250
Broadlawns-Polk County Hospital [1]	Des Moines, Iowa	V. L. Schlaser	.....	...	2	2	1	200
St. Francis Hospital [1-3]	Wichita, Kan.	L. I. Wright	5,615	47	2	4	1	275
Wesley Hospital [1-3]	Wichita, Kan.	J. Tiller	4,096	19	1	1	1	175
St. Anthony Hospital [1-3]	Louisville, Ky.	J. R. Buskirk	7,106	47	1	2	2	250
Baton Rouge General Hospital [1]	Baton Rouge, La.	C. L. Harris	14,746	47	2	2	1	300
Lafayette Charity Hospital [1]	Lafayette, La.	E. Hull	12,810	202	16	16	1	325
St. Patrick's Hospital	Lake Charles, La.	W. M. Farmer	.....	...	2	4	2	250
Huey P. Long Charity Hospital	Pineville, La.	T. C. Davis	8,893	125	12	12	1	325
Bon Secours Hospital [3]	Baltimore	F. J. Geraghty	789	10	1	2	2	260
University Hospital [1-3]	Baltimore	T. E. Woodward	.....	...	2	4	2	75
Suburban Hospital [3]	Bethesda, Md.	W. T. Gibb	7,371	...	8	12	2	...
New England Hospital	Boston	R. A. Draper	3,724	56	2	4	2	75
St. Anne's Hospital [3]	Fall River, Mass.	J. C. Corrigan	4,570	28	3	3	1	200
Cooley Dickinson Hospital [1-3]	Northampton, Mass.	L. N. Durgin	6,975	56	4	4	1	150
Oakwood Hospital [1-3]	Dearborn, Mich.	R. J. Hall	7,024	50	8	8	2	275
Brent General Hospital	Detroit	S. Rosenthal	6,923	20	..	3	1	500
Lynn Hospital [1-3]	Detroit	E. W. Erickson	4,732	38	6	12	2	420
Saratoga General Hospital [3]	Detroit	R. N. Tassie	1,315	17	4	4	1	500
Hurley Hospital [1-3]	Flint, Mich.	L. G. Bateman	.....	...	2	2	1	325
McLaren General Hospital [1]	Flint, Mich.	W. W. Bruce	11,429	101	3	3	2	325
St. Joseph Hospital	Flint, Mich.	J. J. Gutow	9,153	69	8	12	2	400
Borgess Hospital [1-3]	Kalamazoo, Mich.	I. W. Brown	9,981	454	4	4	2	225
St. Joseph Mercy Hospital [1-3]	Pontiac, Mich.	E. J. Dobski	.....	...	4	4	1	325
St. Luke's Hospital [1]	Saginaw, Mich.	L. J. Morgrette	7,233	87	2	2	2	300
St. Mary's Hospital	Saginaw, Mich.	T. E. Fleschner	5,439	54	1	2	2	375
Wyandotte General Hospital [1]	Wyandotte, Mich.	E. J. Knaggs	9,912	87	8	8	2	400
Fairview Hospital	Minneapolis	C. A. Nelson	406	3	3	3	1	300
Lutheran Deaconess Home and Hospital [1-3]	Minneapolis	L. A. Benesh	8,327	96	1	3	2	200
Midway Hospital [3]	St. Paul	A. E. Ritt	5,850	77	2	2	1	300
Mercy Hospital-Street Memorial [1-3]	Vicksburg, Miss.	T. H. Mitchell	5,361	32	1	2	1	225
Menorah Medical Center	Kansas City, Mo.	L. M. Shapiro	.....	...	3	3	2	300
Missouri Methodist Hospital [1]	St. Joseph, Mo.	O. W. D. Craig	3,864	63	1	1	1	225
Alexian Brothers Hospital [3]	St. Louis	C. Nester	3,300	52	4	8	1	200
De Paul Hospital [1-3]	St. Louis	.....	.....	...	..	..	2	...
Evangelical Deaconess Hospital [1-3]	St. Louis	D. W. Eades	7,456	122	6	6	2	215
St. Anthony's Hospital [1-3]	St. Louis	G. O'Sullivan	5,927	20	3	6	2	150
Butte Community Memorial Hospital [1-3]	Butte, Mont.	G. I. Podobnikar	4,677	34	5	5	2	300
Hunterdon Medical Center [1-3]	Flemington, N. J.	E. D. Pellegrino	.....	83	2	2	2	150
Mountainside Hospital [1-3]	Montclair, N. J.	B. S. Perham	.....	177	1	1	2	175
Morristown Memorial Hospital [1-3]	Morristown, N. J.	J. S. Forbes	1,404	...	1	2	2	185
Princeton Hospital [1-3]	Princeton, N. J.	B. B. Scasserra	5,743	79	2	4	2	300
Overlook Hospital [3]	Summit, N. J.	E. T. Milliser	9,927	...	1	1	1	200
Mercy Hospital [1-3]	Buffalo	C. F. Banas	15,118	173	3	3	1	225

Numerical and other references will be found on pages 387 through 390.

8. GENERAL PRACTICE—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [3]	Total Residencies Offered [3]	Length of Approved Program (Years)	Beginning Stipend (Month)
Millard Fillmore Hospital	Buffalo	M. Cheplove	1,018	27	1	2	2	285
St. Joseph's Hospital [1-3]	Far Rockaway, N. Y.	F. Herrman	7,988	37	10	10	1	250
Kingston Hospital [3]	Kingston, N. Y.	H. L. Rakov	4,963	77	2	2	2	300
Our Lady of Victory Hospital [3]	Lackawanna, N. Y.	L. Makarewicz	6,847	55	2	2	1	175
Mercy Hospital [1-3]	Charlotte, N. C.	C. L. Nance	3,092	29	4	4	2	250
City Memorial Hospital [1]	Winston-Salem, N. C.	.....	1,665	45	1	2	2	300
Akron City Hospital [1-3]	Akron, Ohio	J. A. Campbell	22,919	299	3	4	2	250
Akron General Hospital [1-337]	Akron, Ohio	P. B. De Maine	.....	...	4	4	1	250
St. Thomas Hospital [1-3]	Akron, Ohio	K. Weidenthal	2,244	18	2	4	2	250
Mercy Hospital [1-3]	Canton, Ohio	J. G. Hendershot	11,093	26	2	4	2	200
Christ Hospital [1]	Cincinnati	G. B. Hannah	.....	...	4	8	2	200
Good Samaritan Hospital [1-3]	Cincinnati	W. K. Marvin	Incl. in Int. Med.		4	4	2	250
Mount Carmel Hospital [1]	Columbus, Ohio	J. L. Henry	2,878	123	3	3	1	275
White Cross Hospital [1-3-345]	Columbus, Ohio	L. W. Cellio	.....	...	1	1	1	275
Miami Valley Hospital [1-3]	Dayton, Ohio	D. R. Bieser	.....	...	4	4	1	250
Euclid-Glenville Hospital [1-3]	Euclid, Ohio	J. B. Price	7,540	62	6	10	2	200
Lima Memorial Hospital [1-3]	Lima, Ohio	C. H. Zinsmeister	12,475	109	4	5	1	275
St. Rita's Hospital [1-3]	Lima, Ohio	S. J. Novello	2,194	56	1	1	2	275
Mercy Hospital [1-3]	Toledo, Ohio	C. R. Forrester	1,987	56	1	2	2	275
St. Vincent's Hospital [1-3]	Toledo, Ohio	M. A. Schnitker	.....	...	2	4	2	275
Toledo Hospital [1-3]	Toledo, Ohio	C. S. Mundy	2,207	64	1	2	2	200
Youngstown Hospital [1-3]	Youngstown, Ohio	J. L. Fisher	8,430	146	1	2	2	175
University of Oklahoma Hospitals [1-3-351]	Oklahoma City	I. H. Brown	.....	...	6	6	2	...
St. Vincent's Hospital [1-3]	Portland, Ore.	F. L. Woolcott	15,954	193	1	1	1	275
St. Luke's Hospital [1]	Bethlehem, Pa.	R. K. Shields	.....	...	1	1	1	275
Bradford Hospital [1-3]	Bradford, Pa.	C. L. Luckett	1,768	23	..	2	2	250
Chester Hospital [1-3]	Chester, Pa.	.....	9,140	187	2	4	2	350
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	W. J. Stainsby	.....	...	1	2	2	175
Thomas M. Fitzgerald Mercy Hospital [1-3]	Darby, Pa.	D. T. Sullivan	14,677	165	1	1	1	200
St. Joseph's Hospital [1]	Lancaster, Pa.	C. H. Witmer	4,461	59	5	5	2	300
Sacred Heart Hospital [1-3-364]	Norristown, Pa.	J. J. McShea	5,581	66	4	4	1	350
St. Mary's Hospital	Philadelphia	.....	.....	...	..	..	2	...
St. John's General Hospital [1-3]	Pittsburgh	D. B. Wolfe	6,529	37	1	1	1	300
Community General Hospital [1-3]	Reading, Pa.	C. S. Kring	2,805	48	..	1	2	300
Sharon General Hospital [3]	Sharon, Pa.	J. G. Wassil	12,226	73	4	4	2	200
Memorial Hospital [1-3]	Pawtucket, R. I.	E. J. Mara	.....	...	2	4	2	250
Greenville General Hospital [1-3]	Greenville, S. C.	J. I. Converse	4,073	94	2	3	2	200
Spartanburg General Hospital	Spartanburg, S. C.	R. Moore	3,032	73	2	2	1	200
Sacred Heart Hospital [1]	Yankton, S. Dak.	T. H. Sattler	6,012	62	4	4	2	300
St. Mary's Memorial Hospital [1-3]	Knoxville, Tenn.	J. Raulston	12,435	92	1	2	2	250
Madison Sanitarium and Hospital [1-3]	Madison College, Tenn.	J. C. Gant	6,272	29	3	3	1	325
Baptist Hospital [1-3]	Nashville, Tenn.	R. K. Galloway	1,596	18	3	3	1	175
All Saints Hospital [1-3]	Fort Worth, Texas	E. Davenport	6,573	63	4	4	1	250
John Peter Smith Hospital [1-3]	Fort Worth, Texas	J. A. Hallmark	5,015	165	5	5	1	150
St. Mary's Infirmary [1]	Galveston, Texas	E. S. McLarty, Sr.	3,723	31	6	7	2	200
San Travis Memorial Hospital [1-3]	Jacksonville, Texas	J. M. Travis	5,378	60	1	2	2	250
Baptist Memorial Hospital [1-3]	San Antonio, Texas	A. E. Ruth	8,931	132	1	2	2	150
Robert B. Green Memorial Hospital [1-3]	San Antonio, Texas	W. W. Bondurant	8,849	121	1	2	1	150
Santa Rosa Hospital	San Antonio, Texas	C. L. McGehee	.....	...	1	2	2	250
Kings Daughters Hospital [1-3]	Temple, Texas	S. W. Shibler	2,776	27	1	2	2	300
Wichita General Hospital [1-3]	Wichita Falls, Texas	W. L. Rector	9,071	70	3	3	1	300
St. Benedict's Hospital	Ogden, Utah	.....	.....	...	..	..	1	...
Thomas D. Dee Memorial Hospital [1-3]	Ogden, Utah	R. Johnston	.....	...	2	4	2	275
University of Vermont Affiliated Hospitals De Goesbriand Memorial Hospital [1-3]	Burlington, Vt.	A. B. Lawrence	.....	...	1	2	2	...
Riverside Hospital [1-3]	Newport News, Va.	S. H. Mirmelstein	.....	...	4	4	1	250
De Paul Hospital [1-3]	Norfolk, Va.	I. Hancock	.....	...	1	2	2	200
Norfolk General Hospital [1-3]	Norfolk, Va.	J. G. Price	.....	...	4	4	1	185
Retreat for the Sick [1-3]	Richmond, Va.	F. E. Oglesby	331	4	2	3	2	200
Louise Obici Memorial Hospital [1-3]	Suffolk, Va.	C. Steel	4,647	63	1	3	1	300
Providence Hospital [1-3]	Seattle	J. J. Minkove	14,027	214	4	4	2	300
Sacred Heart Hospital	Spokane, Wash.	R. M. O'Brien	24,768	221	4	4	1	250
Bluefield Sanitarium	Bluefield, W. Va.	J. R. Shanklin	2,200	27	4	4	1	500
Charleston General Hospital [1-3]	Charleston, W. Va.	M. Barber	Incl. in Int. Med.		2	2	1	225
Memorial Hospital [1-3]	Charleston, W. Va.	J. W. Hash	.....	...	1	1	1	225
Camden Clark Memorial Hospital [3]	Parkersburg, W. Va.	.....	5,844	52	1	2	2	200
Ohio Valley General Hospital [1-3]	Wheeling, W. Va.	S. S. Bobes	2,595	21	2	4	2	300
Luther Hospital [1-3]	Eau Claire, Wis.	R. R. Richards	8,304	111	1	1	1	300
Evangelical Deaconess Hospital [1-3]	Milwaukee	M. A. Jochimsen	3,967	34	3	3	2	250
Milwaukee Hospital [1-3]	Milwaukee	E. R. Daniels	.....	...	1	1	1	195
St. Luke's Hospital	Milwaukee	W. Krygier	7,663	69	2	2	2	275
St. Michael Hospital [1-3]	Milwaukee	A. Verdone	.....	...	3	6	2	275

9. INTERNAL MEDICINE

Residency programs in the following hospitals have been approved by the Council, the American Board of Internal Medicine, and the American College of Physicians through the Residency Review Committee for Internal Medicine as offering acceptable training in the specialty under any of the several programs leading to eligibility for examination by the American Board of Internal Medicine.

Hospitals, 613; Assistant Residencies and Residencies, 5055

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [3]	Total Residencies Offered [3]	Length of Approved Program (Year)	Beginning Stipend (Month)
UNITED STATES ARMY								
Letterman Army Hospital [1]	San Francisco	P. S. Fancher	1,331	50	5	15	3	...
Fitzsimons Army Hospital [1]	Denver	G. M. Powell	2,224	43	2	6	3	...
Army Medical Center [1-3]	Washington, D. C.	F. W. Pruitt	1,038	10	6	18	3	...
Valley Forge Army Hospital [1]	Phoenixville, Pa.	M. C. Davenport	2,701	36	2	6	3	...
Brooke Army Hospital [1-3]	San Antonio, Texas	D. J. Sheehan	3,524	87	7	21	3	...
Madigan Army Hospital	Tacoma, Wash.	W. S. George	881	9	2	2	1	...
Tripler Army Hospital [1]	Honolulu, T. H.	W. C. Berry	6,778	105	5	15	3	...
UNITED STATES NAVY								
U. S. Naval Hospital [1-3]	Oakland, Calif.	R. O. Canada, Jr.	2,427	48	2	6	3	...

Numerical and other references will be found on pages 387 through 390.

9. INTERNAL MEDICINE—Continued

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
FEDERAL								
U. S. Naval Hospital [1]	San Diego, Calif.	A. L. Lawler	1,961	40	3	8	3	...
U. S. Naval Hospital [1-3]	Great Lakes, Ill.	V. G. Colvin	3,721	19	1	1	2	...
U. S. Naval Hospital	Bethesda, Md.	R. C. Parker, Jr.	2,608	5	2	4	3	...
U. S. Naval Hospital [1-3]	Chelsea, Mass.	J. B. MacGregor	1,042	15	1	2	3	...
U. S. Naval Hospital	St. Albans, N. Y.	L. E. Bach	1,323	33	2	4	3	...
U. S. Naval Hospital [1-3]	Philadelphia	L. J. Pope	2,404	46	1	3	3	...
U. S. Naval Hospital [1-3]	Portsmouth, Va.	G. G. Burkley	3,760	...	4	6	3	...
UNITED STATES PUBLIC HEALTH SERVICE								
U. S. Public Health Service Hospital [1-3]	San Francisco	A. A. Doerner	.....	38	1	3	3	...
U. S. Public Health Service Hospital [1-3]	New Orleans	R. H. Linn	2,301	39	1	3	3	...
U. S. Public Health Service Hospital [1-3-157]	Baltimore	G. F. Ellinger	1,611	29	2	6	3	...
National Institutes of Health-Clinical Center [1-3]	Bethesda, Md.	L. Terry	267	28	..	8	1	...
U. S. Public Health Service Hospital [1-3-187]	Boston	W. H. Stimson	2,531	17	1	3	3	...
U. S. Public Health Service Hospital [1-3]	Staten Island, N. Y.	C. G. Spicknall	2,101	53	3	9	3	...
U. S. Public Health Service Hospital [1]	Seattle	J. G. Telfer	1,570	43	1	3	3	...
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE								
Freedmen's Hospital [1-3]	Washington, D. C.	J. B. Johnson	923	73	4	9	..	218
VETERANS ADMINISTRATION								
Veterans Admin. Hospital [1-3]	Birmingham, Ala.	(See University of Alabama Medical Center)						
Veterans Admin. Hospital [1-3]	Tuskegee, Ala.	E. T. Odom	1,995	59	6	12	3	...
Veterans Admin. Hospital [1-3]	Little Rock, Ark.	H. R. Hipp	3,154	100	2	4	3	...
Veterans Admin. Hospital [1-3-23]	Long Beach, Calif.	D. W. Leik	2,684	166	9	27	3	...
Veterans Admin. Hospital [1-3-24]	Los Angeles	L. Fred	4,699	407	20	54	3	...
Veterans Admin. Hospital [1]	San Francisco	F. M. Willett	1,342	127	14	23	2	...
Veterans Admin. Hospital [1-3-55]	Denver	T. P. Sears	2,881	115	6	20	3	...
Veterans Admin. Hospital-Newington Division [1-3-72]	West Haven, Conn.	P. Lipton	1,053	65	4	5	3	...
Veterans Admin. Hospital-West Haven Division [1-3]	West Haven, Conn.	J. W. Hollingsworth	1,642	79	4	9	3	...
Veterans Admin. Hospital [1-3-83]	Washington, D. C.	E. D. Freis	1,647	148	6	13	3	...
Veterans Admin. Hospital [1-90]	Coral Gables, Fla.	J. M. Rumball	2,669	206	8	18	3	...
Veterans Admin. Hospital [1-3]	Atlanta, Ga.	B. R. Gendel	1,752	102	4	6	3	...
Veterans Admin. Hospital [1-3-91]	Augusta, Ga.	J. G. Bohorfoush	1,496	36	3	9	3	...
Veterans Admin. Research Hospital [1]	Chicago	(See Northwestern University Medical Center)						
Veterans Admin. West Side Hospital [1-3-117]	Chicago	H. J. Zimmerman	1,852	139	6	18	2	...
Veterans Admin. Hospital [1-120]	Hines, Ill.	L. A. Baker	4,108	121	7	27	3	...
Veterans Admin. Hospital [1]	Indianapolis	W. A. Christian	1,966	141	2	6	3	...
Veterans Admin. Hospital [1]	Des Moines, Iowa	J. C. Parsons	2,799	86	6	13	1	...
Veterans Admin. Hospital [1-3]	Iowa City	W. M. Kirkendall	2,217	94	4	11	3	...
Veterans Admin. Hospital [1-3]	Topeka, Kan.	R. Chess	1,371	41	4	4	1	...
Veterans Admin. Hospital [1-3]	Wadsworth, Kan.	A. Jackson	1,369	192	2	4	3	...
Veterans Admin. Hospital [1-3]	Louisville, Ky.	J. R. Gott, Jr.	1,786	83	3	9	3	...
Veterans Admin. Hospital [1-3-142]	New Orleans	C. A. Jones	1,703	115	5	14	3	...
Veterans Admin. Hospital [1-3]	Fort Howard, Md.	F. G. Dickey	1,932	117	3	6	3	...
Veterans Admin. Hospital [1-3]	Perry Point, Md.	S. Goldgraben	1,263	18	1	4	3	...
Veterans Admin. Hospital [1-3]	Boston (Jamaica Plain)	M. B. Strauss	5,368	233	4	29	3	...
Veterans Admin. Hospital [1-3-193-194-195]	Dearborn, Mich	M. R. Weed	4,373	198	7	19	3	...
Veterans Admin. Hospital [1-3-207]	Minneapolis	E. B. Flink	2,328	175	12	35	3	...
Veterans Admin. Hospital [1-219]	Kansas City, Mo.	(See University of Kansas Medical Center)						
Veterans Admin. Hospital [1-3-230]	St. Louis	R. J. Bing-R. E. Mack	1,565	128	6	12	3	...
Vetreans Admin. Hospital [1-3]	Lincoln, Neb.	J. R. Gordon	1,299	46	1	3	3	...
Veterans Admin. Hospital [1-3]	Omaha	J. R. Walsh	1,684	57	4	12	3	...
Veterans Admin. Hospital [1-3]	East Orange, N. J.	H. A. Weiner	1,584	124	4	8	3	...
Veterans Admin. Hospital [1-3]	Albuquerque, N. M.	W. S. Taylor	823	78	5	10	3	...
Veterans Admin. Hospital [1-3-247]	Albany, N. Y.	W. P. Nelson, III	2,807	171	4	10	3	...
Veterans Admin. Hospital [1-3]	Bath, N. Y.	H. W. Baum	652	34	1	3	2	...
Veterans Admin. Hospital [1-3-253]	Brooklyn, N. Y.	P. W. Spear	3,066	223	10	35	3	...
Veterans Admin. Hospital [1-3-259]	Buffalo	G. W. Bissell	2,853	131	4	12	3	...
Veterans Admin. Hospital [1-3-303]	New York City (Bronx)	J. Wolf	5,170	264	11	37	3	...
Veterans Admin. Hospital [1-3-209]	New York City (Manhattan)	J. J. Smith	1,349	56	10	31	3	...
Veterans Admin. Hospital	Syracuse, N. Y.	(See State University of New York Upstate Medical Center)						
Veterans Admin. Hospital [1-3]	Durham, N. C.	(See Duke University Affiliated Hospitals)						
Veterans Admin. Hospital [1-3-241-242]	Cleveland	N. P. Shumway	2,772	172	8	21	2	...
Veterans Admin. Hospital	Dayton, Ohio	S. Simerman	2,585	216	11	29	3	...
Veterans Admin. Hospital [1]	Oklahoma City	J. F. Hammarsten	1,980	97	5	11	3	...
Veterans Admin. Hospital [1-3-262]	Portland, Ore.	Z. T. Wirtschafter	2,516	123	6	18	3	...
Veterans Admin. Hospital [1-3-273]	Philadelphia	H. P. Close	3,519	216	5	19	3	...
Veterans Admin. Hospital [1]	Pittsburgh	A. S. Glushiem	2,328	169	6	18	3	...
Veterans Admin. Hospital [1-3]	Providence, R. I.	H. A. Lawson	1,745	68	1	4	2	...
Veterans Admin. Hospital [1-3-284]	Columbia, S. C.	S. L. Zimmerman	2,947	117	2	4	3	...
Veterans Admin. Hospital [1-3-289]	Memphis, Tenn.	F. S. Dietrich	4,493	119	5	18	3	...
Veterans Admin. Hospital [1-293]	Nashville, Tenn.	R. France	2,102	74	2	5	3	...
Veterans Admin. Hospital [1-3-298]	Dallas, Texas	C. W. Sensenbach	1,012	64	..	3	3	...
Veterans Admin. Hospital [1-3]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)						
Veterans Admin. Hospital [1-3]	McKinney, Texas	G. A. Edwards	2,821	73	4	4	3	...
Veterans Admin. Hospital [409]	Salt Lake City	H. Brown	1,211	63	4	10	3	...
Veterans Admin. Hospital [1-3]	White River Jct., Vt.	(See Dartmouth Medical School Affiliated Hospitals)						
Veterans Admin. Hospital [1-3-420]	Richmond, Va.	W. T. Thompson, Jr.	5,886	123	9	27	3	...
Veterans Admin. Hospital [1-3]	Seattle	R. S. Evans	1,228	115	6	14	2	...
Veterans Admin. Hospital [1-3-437-441-455]	Milwaukee (Wood)	M. Garry	4,719	246	7	22	3	...
Veterans Admin. Hospital [1-3]	San Juan, P. R.	R. Rodriquez Molina	1,153	25	2	5	3	...
NONFEDERAL								
Carraway Methodist Hospital [1-3]	Birmingham, Ala.	E. D. Lineberry-O. McCarn	2,490	28	1	3	3	250
University of Alabama Medical Center								
University Hospital and Hillman Clinic [1-3-11]	Birmingham, Ala.	T. Harrison	3,381	143	8	18	3	108
Veterans Admin. Hospital [1-3-14]	Birmingham, Ala.	B. Friedman	659	35	3	11	3	...
Lloyd Noland Hospital [1-3]	Fairfield, Ala.	C. E. Porter	2,859	47	2	6	3	225
Mobile County Hospital [1-3]	Mobile, Ala.	G. O. Segrest	1,360	94	1	1	1	250
Maricopa County General Hospital	Phoenix, Ariz.	M. Green	1,155	53	1	3	3	300
St. Joseph's Hospital	Phoenix, Ariz.	H. Caldwell	3,672	54	1	3	3	200
St. Mary's Hospital and Sanitorium [1-3]	Tucson, Ariz.	L. J. Kent	4,382	70	3	3	1	200
Tucson Medical Center [1-3]	Tucson, Ariz.	M. A. Carreras	944	20	2	2	1	200
University Hospital [1]	Little Rock, Ark.	R. V. Ebert	951	75	3	7	3	145
General Hospital of Riverside County [1]	Arlington, Calif.	.....	1,549	118	1	1	1	496
Kern General Hospital [1]	Bakersfield, Calif.	H. Einstein	2,714	...	3	7	3	325
Herrick Memorial Hospital [1-3]	Berkeley, Calif.	H. I. Harvey	2,494	87	1	3	3	175
City of Hope Medical Center [1]	Duarte, Calif.	H. R. Bierman	1,283	175	1	1	1	300

Numerical and other references will be found on pages 387 through 390.

9. INTERNAL MEDICINE—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [6]	Total Residencies Offered [6]	Length of Approved Program (Years)	Beginning Stipend (Month)
San Joaquin General Hospital	French Camp, Calif.	G. K. Wever	1,445	159	3	6	3	260
General Hospital of Fresno County [1-3]	Fresno, Calif.	O. Steinbach	798	102	2	6	3	300
Glendale Sanitarium and Hospital [1]	Glendale, Calif.	D. L. John	4,381	110	2	4	3	165
Seaside Memorial Hospital [1-3]	Long Beach, Calif.	E. M. Duvall	3,440	57	1	3	1	150
California Hospital [1-3]	Los Angeles	W. F. Wessels	3,262	124	3	5	3	150
Cedars of Lebanon Hospital [1-3]	Los Angeles	M. Prinzmetal-J. Reynolds	4,951	185	3	6	3	175
Hospital of the Good Samaritan [1-3]	Los Angeles	C. L. Davison	3,083	71	2	6	3	200
Los Angeles County Hospital [1]	Los Angeles	W. D. Evans	23,792	866	16	32	3	246
Presbyterian Hospital-Olmsted Memorial [1-3]	Los Angeles	J. McDonald	1,317	23	3	3	1	200
Queen of Angels Hospital [1-3]	Los Angeles	K. A. Smith	3,029	138	1	4	2	175
St. Vincent's Hospital [3]	Los Angeles	E. W. Boland	1,451	31	1	1	1	200
University of California Medical Center [1-3]	Los Angeles	J. S. Lawrence	.....	...	6	10	3	259
White Memorial Hospital [1-3]	Los Angeles	D. E. Griggs	1,203	63	1	3	3	151
Highland-Alameda County Hospital [1-3-41]	Oakland, Calif.	T. C. McCleave, Jr.	5,605	171	4	11	3	195
Kaiser Foundation Hospital [1-3]	Oakland, Calif.	P. J. Raimondi	1,851	90	6	9	3	245
Collis P. and Howard Huntington Memorial Hospital [1-3]	Pasadena, Calif.	D. T. Proctor	2,502	154	1	3	3	240
San Bernardino County Charity Hospital	San Bernardino, Calif.	W. L. Cover	1,510	102	4	4	1	190
Mercy Hospital [1]	San Diego, Calif.	E. M. Fetter	4,234	133	1	4	3	200
San Diego County General Hospital [1-3]	San Diego, Calif.	H. M. Messenger	2,471	184	4	7	3	150
Franklin Hospital [1-3]	San Francisco	C. D. Mote	1,840	45	3	3	1	200
French Hospital [1-3]	San Francisco	D. L. Wilbur	3,720	66	1	3	2	150
Mary's Help Hospital	San Francisco	F. Rochex	1,390	40	1	2	1	200
Mount Zion Hospital [1-3]	San Francisco	J. J. Sampson	1,873	46	3	6	3	150
St. Joseph's Hospital [1-3]	San Francisco	M. E. Leonard	2,182	42	1	1	1	200
St. Luke's Hospital [1-3]	San Francisco	E. L. Bruck	2,788	95	2	5	3	200
St. Mary's Hospital [1-3]	San Francisco	J. J. McGinnis	1,896	66	2	5	3	...
San Francisco Hospital								
Stanford University Service [1-3]	San Francisco	J. K. Lewis	1,675	123	3	7	3	195
University of California Service [1-3]	San Francisco	H. D. Brainerd	1,648	120	6	8	3	195
Southern Pacific General Hospital [1-3]	San Francisco	R. E. Allen	3,705	117	2	5	3	175
Stanford University Hospitals [1-3]	San Francisco	D. A. Rytand	2,634	53	6	13	3	80
University of California Hospital [1-3]	San Francisco	T. L. Althausen	1,425	58	7	18	3	200
Santa Clara County Hospital [1]	San Jose, Calif.	J. M. Stone	1,245	179	4	4	3	200
Community Hospital of San Mateo County	San Mateo, Calif.	W. F. Knorp	781	92	1	2	2	500
Santa Barbara Cottage Hospital [1-3]	Santa Barbara, Calif.	R. I. Cord	1,904	68	3	7	3	200
Harbor General Hospital [1-3-21-52]	Torrance, Calif.	W. P. Martin-F. Kellogg	3,823	318	8	24	3	246
Mercy Hospital [1-3]	Denver	L. W. Robinson	3,016	76	2	4	2	250
Presbyterian Hospital [1-3]	Denver	H. A. Bradford	1,046	65	1	2	2	225
St. Anthony Hospital [1-3]	Denver	F. R. Calhoun	2,640	82	1	3	3	175
St. Joseph's Hospital [1-3]	Denver	E. B. Badger	2,769	38	2	5	3	200
St. Luke's Hospital [1-3]	Denver	M. Nims	5,194	163	1	1	1	225
University of Colorado Medical Center [163]								
Colorado General Hospital [1-3]	Denver	G. Meiklejohn	1,216	130	9	25	3	160
Denver General Hospital [1-3]	Denver	G. Meiklejohn	2,256	221	..	..	3	157
Colorado State Hospital [1-3-59]	Pueblo, Colo.	G. R. Curless	1,764	139	4	9	1	415
Bridgeport Hospital [1-3]	Bridgeport, Conn.	D. Hardenbergh	2,780	101	2	4	2	275
St. Vincent's Hospital [1-3]	Bridgeport, Conn.	V. Lynch	3,292	133	1	3	3	300
Greenwich Hospital [1-3]	Greenwich, Conn.	J. Lockwood	2,063	79	1	2	2	150
Hartford Hospital [1-3-62]	Hartford, Conn.	M. O. Phelps	4,937	225	11	18	3	100
Hartford Municipal Hospital and Health Center [1-3]	Hartford, Conn.	W. P. Smith	988	78	1	2	2	250
St. Francis Hospital [1-3-67]	Hartford, Conn.	F. L. De Pasquale	4,139	137	2	4	3	125
New Britain General Hospital [1-3]	New Britain, Conn.	J. C. White	2,578	147	1	3	3	200
Grace-New Haven Community Hospital [1-3-75]	New Haven, Conn.	P. B. Beeson-T. S. Evans	3,897	226	7	14	3	50
Hospital of St. Raphael [3-76]	New Haven, Conn.	T. S. Evans	2,098	119	3	7	3	125
Lawrence and Memorial Associated Hospitals [1-3]	New London, Conn.	A. Labensky	2,778	62	3	3	1	250
Norwalk Hospital [1-3]	Norwalk, Conn.	D. L. Ellrich	2,553	93	2	2	1	160
St. Mary's Hospital [1-3]	Waterbury, Conn.	W. Finkelstein	3,518	75	2	4	3	225
Waterbury Hospital [1]	Waterbury, Conn.	J. A. Smith	3,388	117	1	3	3	225
Delaware Hospital [1-3]	Wilmington, Del.	L. B. Flinn	2,250	102	2	5	3	180
Memorial Hospital [1-3]	Wilmington, Del.	L. P. Lang	1,770	105	1	3	3	185
Wilmington General Hospital [1-3]	Wilmington, Del.	J. R. Durham, Jr.	1,503	40	2	2	1	250
Central Dispensary and Emergency Hospital [1-3-163]	Washington, D. C.	T. J. Abernethy	1,971	84	2	5	3	225
District of Columbia General Hospital [1-3]	Washington, D. C.	H. H. Hussey-M. J. Romansky	4,779	283	16	18	3	153
Doctors Hospital [1-3]	Washington, D. C.	F. A. J. Geier	2,016	93	2	2	1	150
Garfield Memorial Hospital [1-3-162]	Washington, D. C.	W. L. Dunn	2,358	110	1	4	3	210
Georgetown University Hospital	Washington, D. C.	H. Jeghers	2,942	142	9	29	3	100
George Washington University Hospital [1-3]	Washington, D. C.	T. McP. Brown	4,713	84	1	8	3	150
Providence Hospital [1-3]	Washington, D. C.	M. McInerney	1,511	53	2	6	3	300
Duval Medical Center [1-3]	Jacksonville, Fla.	K. B. Hanson	1,783	85	2	5	3	150
Riverside Hospital [1-3]	Jacksonville, Fla.	D. White	886	7	1	1	1	150
St. Luke's Hospital [1-3]	Jacksonville, Fla.	J. L. Borland	1,899	30	1	1	1	225
St. Vincent's Hospital [1-3]	Jacksonville, Fla.	L. E. Geeslin	2,275	50	2	4	3	225
Jackson Memorial Hospital [1-3]	Miami, Fla.	R. Jones, Jr.	4,280	220	8	24	3	75
Mount Sinai Hospital of Greater Miami [1-3]	Miami Beach, Fla.	D. A. Nathan	3,731	129	3	6	3	250
St. Francis Hospital [1-3]	Miami Beach, Fla.	F. A. Reed	2,563	40	2	2	1	200
Orange Memorial Hospital [1-3]	Orlando, Fla.	F. Mathers	2,020	76	2	2	1	150
Mound Park Hospital [1-3]	St. Petersburg, Fla.	C. Voyles	1,658	102	1	1	1	284
Tampa Municipal Hospital [1-3]	Tampa, Fla.	H. P. Hampton	4,919	108	1	3	3	250
Crawford W. Long Memorial Hospital [1-3]	Atlanta, Ga.	L. H. Bishop, Jr.	3,502	70	4	7	3	110
Georgia Baptist Hospital [1]	Atlanta, Ga.	H. M. Davison	3,806	131	2	5	3	200
Grady Memorial Hospital [1]	Atlanta, Ga.	E. B. Ferris, Jr.	2,472	298	9	15	3	20
Piedmont Hospital [1]	Atlanta, Ga.	C. Smith	1,199	12	1	3	1	235
St. Joseph's Infirmary	Atlanta, Ga.	T. T. Blalock	3,086	62	2	3	2	270
University Hospital [1]	Augusta, Ga.	J. D. Gray	2,261	87	11	32	3	200
Emory University Hospital	Emory University, Ga.	E. Ferris	4,918	192	6	17	3	190
Augustana Hospital [1-3]	Chicago	C. A. Hedberg	4,200	140	1	3	1	150
Columbus Hospital [3]	Chicago	E. F. Foley	3,264	78	2	6	2	100
Cook County Hospital [1-3]	Chicago	E. F. Foley	17,493	890	12	36	3	75
Grant Hospital [1]	Chicago	A. Van der Kloot	1,868	86	1	3	2	225
Illinois Central Hospital [1-3]	Chicago	L. H. Sloan	2,479	64	2	2	2	205
Illinois Masonic Hospital [1-3]	Chicago	L. L. Braun	4,359	145	1	1	2	115
Mercy Hospital [1-3-99]	Chicago	G. F. O'Brien	2,191	48	4	9	3	100
Michael Reese Hospital [1-3]	Chicago	R. Levine	3,140	107	5	15	3	75
Mount Sinai Hospital [1-3-444]	Chicago	E. B. Freilich	3,252	121	2	5	3	100
Northwestern University Medical Center [103]								
Chicago Wesley Memorial Hospital [1-3]	Chicago	P. S. Rhoads	5,292	139	3	7	3	75
Passavant Memorial Hospital	Chicago	A. R. Colwell	2,439	60	2	4	3	50
Veterans Admin. Research Hospital	Chicago	C. Borden	1,486	79	12	24	3	...
Evanston Hospital [1-3]	Evanston, Ill.	L. D. Snorf	3,439	180	2	6	3	225
Norwegian American Hospital [1-3]	Chicago	M. Gethner	888	25	2	2	1	225

Numerical and other references will be found on pages 387 through 390.

9. INTERNAL MEDICINE—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [6]	Total Residencies Offered [6]	Length of Approved Program (Years)	Beginning Stipend (Month)
Presbyterian Hospital [1-10S]	Chicago	J. A. Campbell	4,129	127	4	12	3	125
Provident Hospital [1-3]	Chicago	A. F. Connor	1,061	32	1	3	2	200
Ravenswood Hospital [1-3]	Chicago	M. Zeller	2,507	107	2	2	1	100
St. Joseph Hospital [1-3]	Chicago	D. L. Kessler	1,389	54	1	3	1	300
St. Luke's Hospital [1-3]	Chicago	H. Wakefield	4,011	109	4	12	3	75
St. Mary of Nazareth Hospital [1-3]	Chicago	S. A. Motto	2,975	86	2	2	1	150
University of Chicago Clinics [1-3]	Chicago	W. Adams	3,489	135	8	24	3	200
University of Illinois Research and Educational Hospitals [1-3-112]	Chicago	H. F. Dowling	1,343	84	8	20	3	125
St. Francis Hospital [1]	Evanston, Ill.	R. M. Jones	2,833	149	2	4	1	175
Little Company of Mary Hospital [1-3]	Evergreen Park, Ill.	W. J. Hagstrom	4,351	67	4	4	1	175
St. Francis Hospital [1-3]	Peoria, Ill.	R. B. Rutherford	4,527	137	1	3	3	225
Clinic Hospital [3]	Bluffton, Ind.	A. C. Nickel	2,934	38	1	3	3	300
Indianapolis General Hospital [1-3]	Indianapolis	P. J. Fouts	1,473	121	5	16	3	205
Indiana University Medical Center [1-125]	Indianapolis	J. O. Ritchey	2,277	72	3	9	3	165
Methodist Hospital [1-3]	Indianapolis	E. P. Tischer	3,106	78	1	3	3	278
St. Vincent's Hospital [1-3]	Indianapolis	R. M. Vandivier	1,969	77	1	4	3	275
St. Elizabeth Hospital [1]	Lafayette, Ind.	B. Z. Klatch	1,689	48	2	2	1	225
Iowa Methodist Hospital [1-3]	Des Moines, Iowa	A. L. Jenks	2,850	95	1	3	3	175
State University of Iowa Hospitals [1-3]	Iowa City	W. B. Bean	3,025	147	8	23	3	140
University of Kansas Medical Center [1-3]	Kansas City, Kan.	E. G. Dimond	2,280	110	8	24	3	125
Veterans Admin. Hospital	Kansas City, Mo.	W. E. Larson	640	16	4	12	1	...
St. Francis Hospital [1-3]	Wichita, Kan.	B. Matassarin	4,265	84	3	3	1	275
Wesley Hospital [1-3]	Wichita, Kan.	T. J. Luellen	3,125	42	1	3	1	175
Good Samaritan Hospital [3]	Lexington, Ky.	J. Scott	1,990	57	1	1	1	225
St. Joseph Hospital	Lexington, Ky.	J. W. Scott	1,774	54	1	2	1	230
Louisville General Hospital [1-3]	Louisville, Ky.	B. T. Towery	1,564	137	8	17	3	131
St. Joseph Infirmary [1-3]	Louisville, Ky.	R. Denham	3,708	77	1	3	1	210
Charity Hospital of Louisiana								
Independent Unit [1]	New Orleans	J. O. Wellbaecher, Jr.	1,259	110	3	9	3	100
Louisiana State University Unit [1]	New Orleans	W. R. Akenhead	2,927	228	6	18	3	100
Tulane University Unit [1-445-449]	New Orleans	G. E. Burch	3,485	208	6	18	3	100
Ochsner Foundation Hospital [1]	New Orleans	W. A. Arrowsmith	2,935	50	4	12	3	225
Southern Baptist Hospital [1-3]	New Orleans	M. E. St. Martin	6,493	81	1	3	1	225
Touro Infirmary [1]	New Orleans	S. Jacobs	3,497	118	2	6	3	125
Confederate Memorial Medical Center [1]	Shreveport, La.	M. D. Hargrove	5,555	122	3	9	3	125
Central Maine General Hospital [1]	Lewiston, Maine	M. A. Chapin	1,623	68	1	1	1	225
Maine General Hospital [1]	Portland, Maine	R. S. Hawkes	2,123	81	2	6	3	100
Baltimore City Hospitals [1-3]	Baltimore	G. S. Mirick	2,330	175	4	9	3	50
Church Home and Hospital [1-3]	Baltimore	Z. R. Morgan	1,211	43	2	6	3	200
Franklin Square Hospital [1-3]	Baltimore	L. M. Serra	969	24	3	5	2	225
Johns Hopkins Hospital [1-3]	Baltimore	A. M. Harvey	4,721	284	16	18	3	25
Lutheran Hospital [1-3]	Baltimore	L. A. M. Krause	1,712	...	4	8	3	220
Maryland General Hospital [1-3]	Baltimore	E. F. Cotter	1,398	52	2	3	1	225
Mercy Hospital [1-3]	Baltimore	H. R. Peters	1 791	99	2	5	3	275
Provident Hospital and Free Dispensary [1-3]	Baltimore	L. Martin	612	51	1	2	1	150
St. Agnes Hospital [1]	Baltimore	L. P. Gundry	2,419	66	2	4	1	125
Sinai Hospital [1-3-150]	Baltimore	A. I. Mendeloff	1,937	76	3	9	3	110
South Baltimore General Hospital [1-3]	Baltimore	L. P. Gundry	1,454	48	2	4	1	180
Union Memorial Hospital [1-3]	Baltimore	W. Fort	2,238	110	4	6	3	215
University Hospital [1-3-158]	Baltimore	T. E. Woodward	3,221	167	7	15	3	75
Prince George's General Hospital [1-3]	Cheverly, Md.	W. B. Moyers	2,976	56	2	2	1	200
Beverly Hospital	Beverly, Mass	A. E. Parkhurst	2,027	83	..	1	1	100
Beth Israel Hospital [1-3]	Boston	H. L. Blumgart	2,945	140	6	14	3	42
Boston City Hospital	Boston	.....	.....	...	24	48	3	112
I and III Medical Service [1-3]		F. Biguria	3,689	267	..	..	..	...
II and IV Medical Service [1-3]		W. B. Castle	3,851	262	..	..	..	...
V and VI Medical Service [1-3]		K. Katz	3,540	169	..	..	..	...
Carney Hospital [1-3-168]	Boston	N. A. Welch	4,284	61	4	5	3	150
Faulkner Hospital [1-3]	Boston	J. R. Graham	1,133	...	2	3	1	150
Lahey Clinic [1-3-174]	Boston	L. M. Hurxthal	1,446	44	10	30	3	200
Lemuel Shattuck Hospital	Boston	T. C. Chalmers	736	17	12	12	1	250
Massachusetts General Hospital [1-3-171]	Boston	W. Bauer	7,262	...	12	16	3	67
Massachusetts Memorial Hospitals [1-3]	Boston	C. Keefer	1,837	72	2	16	3	100
New England Center Hospital [1-3]	Boston	S. Proger	3,838	36	5	41	3	100
New England Deaconess Hospital	Boston	H. F. Root	4,194	82	8	9	1	175
Peter Bent Brigham Hospital [1-3-188]	Boston	G. W. Thorn	3,012	206	12	19	3	25
Veterans Admin. Hospital	West Roxbury, Mass.	.....	....	...	..	..	..	...
St. Elizabeth's Hospital [1-3]	Boston	S. McGinn	2,433	125	2	3	3	125
Cambridge City Hospital [1]	Cambridge, Mass.	E. E. Hinton	1,140	93	1	3	2	125
Mount Auburn Hospital [1-3]	Cambridge, Mass.	D. Hurwitz	1,640	90	1	3	2	125
Lawrence F. Quigley Memorial Hospital [1-3]	Chelsea, Mass.	W. R. Ohler	696	34	4	4	1	255
Truesdale Hospital [1-3]	Fall River, Mass.	W. Mason	1,422	...	2	2	1	150
Lynn Hospital [1-3]	Lynn, Mass.	C. A. Palladino	2,356	47	1	1	2	150
Malden Hospital [1-3]	Malden, Mass.	D. Merrill	1,963	61	2	3	1	175
Newton-Wellesley Hospital [1-3]	Newton, Mass.	A. W. Locke	3,411	85	2	2	1	170
Quincy City Hospital [1-3]	Quincy, Mass.	D. M. Swan	1,185	44	..	1	1	163
Salem Hospital [1-3]	Salem, Mass.	S. N. Gardner	1,536	46	1	1	1	125
Springfield Hospital [1-3]	Springfield, Mass.	H. P. Kennedy	2,842	151	3	6	3	150
Pondville Hospital [1]	Walpole, Mass.	D. Merrill	....	...	..	1	1	490
Memorial Hospital [1-3]	Worcester, Mass.	R. W. Robinson	2,685	90	3	3	1	200
St. Vincent Hospital [1-3]	Worcester, Mass.	J. T. Brosnan	4,535	90	5	9	3	175
Worcester City Hospital [3]	Worcester, Mass.	G. Ballantyne	2,198	113	2	4	3	215
St. Joseph Mercy Hospital [1-3]	Ann Arbor, Mich.	M. Marshall	2,394	84	4	7	3	250
University Hospital [1-3]	Ann Arbor, Mich.	C. C. Sturgis	7,448	179	21	55	3	154
Alexander Blain Hospital	Detroit	J. W. Kingsley	1,839	25	1	3	2	250
Detroit Memorial Hospital [1]	Detroit	J. L. Cahalan	4,078	88	2	4	3	275
Evangelical Deaconess Hospital [1-3]	Detroit	L. D. Stern	1,682	55	2	4	3	300
Grace Hospital [1-3]	Detroit	D. Myers	4,994	132	4	12	3	275
Harper Hospital [1-3]	Detroit	R. J. Schneck	3,076	119	4	12	3	225
Henry Ford Hospital [1-3]	Detroit	J. G. Mateer	8,862	228	22	55	3	225
Jennings Memorial Hospital [1-3]	Detroit	D. Donald	459	3	3	3	1	350
Mount Carmel Mercy Hospital [1-3]	Detroit	H. L. Smith	4,964	176	4	8	3	225
Providence Hospital [1]	Detroit	N. E. Clarke	3,185	126	1	3	3	275
Receiving Hospital [1-3-200]	Detroit	G. B. Myers	1,925	408	11	30	3	260
St. John Hospital	Detroit	J. Murphy	1,101	14	1	3	2	275
St. Joseph Mercy Hospital	Detroit	E. D. Maire	1,815	70	1	2	3	275
Sinai Hospital [1-3]	Detroit	J. E. Berk	2,774	94	3	7	3	275
Woman's Hospital [1-3]	Detroit	B. I. Johnstone	1,235	58	1	2	3	275
Wayne County General Hospital and Infirmary [1-3]	Eloise, Mich.	S. D. Jacobson	3,434	234	5	17	3	300
Hurley Hospital [1-3]	Flint, Mich.	G. E. Drewyer	5,245	167	2	6	3	325

Numerical and other references will be found on pages 387 through 396.

9. INTERNAL MEDICINE—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
McLaren General Hospital [1]	Flint, Mich.	H. V. Sparks	2,423	68	1	3	2	325
Blodgett Memorial Hospital [1-3]	Grand Rapids, Mich.	C. B. Beeman	2,214	103	1	3	3	250
Butterworth Hospital [1-3]	Grand Rapids, Mich.	J. R. Venema	2,208	122	3	9	3	225
Bon Secours Hospital	Grosse Pointe, Mich.	L. C. Heavner	1,251	33	2	4	2	300
Highland Park General Hospital [1]	Highland Park, Mich.	L. Jaffe	1,676	66	1	3	3	308
Bronson Methodist Hospital [1]	Kalamazoo, Mich.	H. E. DePree	1,904	67	1	3	3	260
Edward W. Sparrow Hospital [1-3]	Lansing, Mich.	W. D. Hayford	7,241	87	1	3	1	400
St. Lawrence Hospital [1-3]	Lansing, Mich.	G. A. Sherman-J. Cordes	2,733	105	1	3	3	350
Pontiac General Hospital [1-3]	Pontiac, Mich.	C. R. Gatley	2,743	73	1	3	2	300
St. Joseph Mercy Hospital [1-3]	Pontiac, Mich.	S. Miller	3,341	78	1	3	3	325
Saginaw General Hospital [1-3]	Saginaw, Mich.	B. M. Bullington	1,708	62	1	3	3	325
St. Mary's Hospital [1]	Duluth, Minn.	W. D. Coventry	2,096	126	1	1	1	175
Asbury Methodist Hospital [1-3]	Minneapolis	K. D. A. Andresen	2,174	78	1	1	1	250
Minneapolis General Hospital [1-3]	Minneapolis	T. Lowry	1,315	115	4	10	3	185
Mount Sinai Hospital [1-3]	Minneapolis	D. Fingerman	2,395	72	1	1	1	200
Northwestern Hospital [1-3]	Minneapolis	M. C. L. Hanson	2,607	60	2	2	1	200
St. Barnabas Hospital [1-3]	Minneapolis	R. J. Fray	2,899	116	1	1	1	225
University of Minnesota Hospitals [1-3-212]	Minneapolis	C. J. Watson	1,940	133	4	15	3	185
Mayo Foundation [1]	Rochester, Minn.		23,442	218	50	164	3	150
Ancker Hospital [1-3]	St. Paul	J. F. Borg	1,429	136	2	6	3	185
Charles T. Miller Hospital [1-3]	St. Paul	B. Sommers	2,953	66	1	3	3	185
University Hospital	Jackson, Miss.	J. R. Snavely	313	22	3	6	3	250
St. Louis County Hospital [1-3]	Clayton, Mo.	R. O. Muether	1,014	95	2	5	3	225
Kansas City General Hospital No. 1 [1-3]	Kansas City, Mo.	P. L. Byers	1,238	104	4	12	3	150
Menorah Medical Center [1-3]	Kansas City, Mo.	J. W. Wolt	4,136	82	3	7	3	300
St. Joseph Hospital [1-3]	Kansas City, Mo.	M. P. Hunter	3,289	95	1	4	1	250
St. Luke's Hospital [1-3]	Kansas City, Mo.	M. G. Berry	3,196	132	2	4	3	175
Barnes Hospital [1-3]	St. Louis	C. V. Moore	5,556	245	22	24	3	50
De Paul Hospital [1-3]	St. Louis	D. B. Flavan	3,543	110	1	3	3	200
Homer G. Phillips Hospital [1-3]	St. Louis	J. R. Smith	2,731	147	9	24	3	190
Jewish Hospital [1-3]	St. Louis	S. Sherry	3,153	124	6	10	3	100
Missouri Pacific Hospital [3]	St. Louis	L. B. Harrison	4,143	82	5	8	3	200
St. John's Hospital [1-3]	St. Louis	A. McMahon	2,920	88	1	3	2	200
St. Louis City Hospital [1-3]	St. Louis	B. Bercu-J. Berry	3,713	305	12	24	3	190
St. Luke's Hospital [1-3]	St. Louis	P. O. Hagemann	1,872	77	2	4	3	250
St. Mary's Group of Hospitals [1-3-225]	St. Louis	G. O. Broun	3,537	154	6	15	3	100
Montana Deaconess Hospital [1-3]	Great Falls, Mont.	T. F. Walker	1,456	76	2	6	3	200
Creighton Memorial-St. Joseph's Hospital [1]	Omaha	B. B. Wells	4,591	138	4	7	3	175
University of Nebraska Hospital [1-3-237]	Omaha	R. Grissom	539	48	2	6	3	175
Dartmouth Medical School Affiliated Hospitals			3,766	139	6	16	3	...
Mary Hitchcock Memorial Hospital [1-3]	Hanover, N. H.	J. W. Wright	....	...	..	..	..	188
Veterans Admin. Hospital	White River Jct., Vt.	J. L. Grant	.....	...	..	..	..	...
Atlantic City Hospital [1-3]	Atlantic City, N. J.	W. B. Stewart	2,356	94	1	3	2	200
Cooper Hospital [1-3]	Camden, N. J.	R. L. Sharp	2,331	150	1	3	3	200
Hackensack Hospital [1-3]	Hackensack, N. J.	L. W. Black	2,284	117	2	3	2	150
Jersey City Medical Center [1-3]	Jersey City, N. J.	T. J. White	8,680	178	8	23	3	92
Mountainside Hospital [1-3]	Montclair, N. J.	C. F. Turner	2,824	177	2	4	3	175
Morristown Memorial Hospital [1-3]	Morristown, N. J.	F. C. Bowers	3,638	102	1	2	2	185
Burlington County Hospital [1]	Mt. Holly, N. J.	P. S. MacNeal	978	56	3	3	1	100
Fitkin Memorial Hospital [1-3]	Neptune, N. J.	L. F. Albright	2,010	60	1	1	1	200
Harrison S. Martland Medical Center [1-3]	Newark, N. J.	J. Levin	4,002	157	6	11	3	162
Newark Beth Israel Hospital [1-3]	Newark, N. J.	H. H. Goldberg	2,374	87	1	3	3	100
St. Michael's Hospital [1-3]	Newark, N. J.	N. A. Antonius	2,559	88	3	6	3	150
St. Peter's General Hospital [1-3]	New Brunswick, N. J.	J. Sandella	1,234	47	1	1	1	175
Orange Memorial Hospital [1-3]	Orange, N. J.	W. I. Reinhardt	3,044	106	1	2	1	150
Bergen Pines County Hospital [1-3]	Paramus, N. J.	G. B. Barlow	1,010	182	6	6	1	200
Mercer Hospital [1-3]	Trenton, N. J.	J. F. Pessel	1,844	103	1	1	1	150
St. Francis Hospital [1-3]	Trenton, N. J.	P. Corrigan	2,358	130	1	2	2	210
Bataan Memorial Methodist Hospital	Albuquerque, N. M.	H. L. January	1,453	15	4	12	3	250
Albany Hospital [1-3]	Albany, N. Y.	R. T. Beebe	3,040	207	7	15	3	160
Binghamton City Hospital [1-3]	Binghamton, N. Y.	G. C. Hamilton	4,207	95	1	3	3	150
Beth El Hospital [1-3]	Brooklyn, N. Y.	I. Snapper	1,895	30	4	7	3	125
Brooklyn Hospital [1-3]	Brooklyn, N. Y.	G. E. Anderson	2,023	67	4	8	3	165
Coney Island Hospital [1-3]	Brooklyn, N. Y.	M. Mensch	1,735	96	..	..	3	105
Cumberland Hospital [1-3]	Brooklyn, N. Y.	S. P. Bailey	1,897	79	3	5	3	105
Greenpoint Hospital [1-3]	Brooklyn, N. Y.	J. N. Cohen	1,954	65	2	4	2	105
Jewish Chronic Disease Hospital [1-3]	Brooklyn, N. Y.	M. G. Goldner	1,153	79	8	20	3	175
Jewish Hospital [1-3]	Brooklyn, N. Y.	J. Goldstein	2,000	92	4	8	3	100
Kings County Hospital								
County Service [1]	Brooklyn, N. Y.	A. Fankhauser	5,909	218	6	19	3	104
University Service [1]	Brooklyn, N. Y.	P. H. Long	5,818	351	6	20	3	104
Long Island College Hospital [1-3]	Brooklyn, N. Y.	J. H. Crawford	1,836	43	3	5	3	150
Maimonides Hospital [1-3]	Brooklyn, N. Y.	M. Michael, Jr.	3,003	111	8	13	3	75
Methodist Hospital [1-3]	Brooklyn, N. Y.	H. D. Fearon	1,987	54	2	5	3	175
Norwegian Lutheran Deaconesses' Home and Hospital [1-3]	Brooklyn, N. Y.	W. F. Rexer	847	108	1	3	3	185
St. Catherine's Hospital [1-3]	Brooklyn, N. Y.	M. Murphy	1,153	45	2	4	3	150
St. John's Episcopal Hospital [1-3]	Brooklyn, N. Y.	E. R. Marzullo	1,645	43	2	4	1	175
St. Mary's Hospital [1]	Brooklyn, N. Y.	V. Annunciata	773	26	1	1	1	175
Wyckoff Heights Hospital [1-3]	Brooklyn, N. Y.	J. Indelicato	1,441	28	1	3	3	100
Allied Hospitals of the Sisters of Charity								
Emergency Hospital	Buffalo							
Sisters of Charity Hospital	Buffalo	H. F. Brown	5,928	147	2	6	3	230
Buffalo General Hospital [1-3-257]	Buffalo	J. H. Talbott	4,641	172	7	9	3	175
Deaconess Hospital [1-3]	Buffalo	M. S. Howland, Jr.	2,309	74	2	4	1	300
Edward J. Meyer Memorial Hospital [1]	Buffalo	D. K. Miller	2,858	172	6	18	3	248
Millard Fillmore Hospital	Buffalo	J. F. Painton	2,191	84	3	8	3	285
Roswell Park Memorial Institute [1-3]	Buffalo	R. Tarail	249	36	..	..	1	...
Clifton Springs Sanitarium and Clinic [1-3]	Clifton Springs, N. Y.	B. A. Watson	2,380	30	1	3	3	150
Mary Imogene Bassett Hospital [1-3]	Cooperstown, N. Y.	E. D. Thomas	1,039	52	2	3	3	145
Elmhurst General Hospital [1-3-458]	Elmhurst, N. Y.	C. Reich-J. H. Hodas	3,164	107	4	8	3	105
Flushing Hospital and Dispensary [1-3-269]	Flushing, N. Y.	C. Cramer	1,646	44	1	3	3	175
Meadowbrook Hospital	Hempstead, N. Y.	A. W. Freireich	3,540	321	4	12	3	225
Cornell University Infirmary [1-3]	Ithaca, N. Y.	N. S. Moore	1,585	...	4	4	1	208
Tompkins County Memorial Hospital [1-3]	Ithaca, N. Y.		....	...	..	..	..	...
Jamaica Hospital [1-3]	Jamaica, N. Y.	M. A. Sanders	2,008	49	1	2	1	200
Mary Immaculate Hospital [1-3]	Jamaica, N. Y.	F. Mazzola	3,436	66	1	2	1	160
Queens Hospital Center [1-3]	Jamaica, N. Y.	A. A. Fischl	3,744	351	7	10	3	105
Charles S. Wilson Memorial Hospital [1-3]	Johnson City, N. Y.	N. Occhino	5,470	84	3	6	2	225
North Shore Hospital [1-3]	Manhasset, N. Y.	W. J. Messinger	1,251	39	2	4	2	200
Mount Vernon Hospital [1-3]	Mount Vernon, N. Y.	H. Belsky	1,653	63	1	2	2	200

Numerical and other references will be found on pages 387 through 390.

9. INTERNAL MEDICINE—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [a]	Total Residencies Offered [a]	Length of Approved Program (Years)	Beginning Stipend (Month)
Long Island Jewish Hospital [1-3]	New Hyde Park, N. Y.	E. Meilman	1,502	73	2	4	3	75
New Rochelle Hospital [1-3]	New Rochelle, N. Y.	W. C. Meredith	3,551	79	1	3	3	225
Bellevue Hospital Center								
Div. I—Columbia University [1-3-274]	New York City	D. W. Richards	1,507	77	7	13	3	105
Div. II—Cornell University [1-3-460]	New York City	T. P. Almy	1,427	69	8	13	3	105
Div. III—New York University College of Medicine [1-3]	New York City	W. S. Tillett	1,867	74	8	16	3	105
Div. IV—New York University Post Graduate Medical School [1-3-278]	New York City	C. F. Wilkinson, Jr.	1,657	69	10	30	3	105
Beth David Hospital [1-3]	New York City	H. A. Solomon	1,191	35	1	1	1	125
Beth Israel Hospital [1-3]	New York City	A. M. Fishberg	1,732	52	3	7	3	140
Bronx Hospital [1-3]	New York City	E. E. Fischel	2,075	69	2	7	3	60
Bronx Municipal Hospital Center [1-3]	New York City	I. M. London	1,423	124	12	24	3	105
Columbus Hospital [3]	New York City	R. R. Ferayorni	1,676	35	1	3	3	125
Fordham Hospital [1-3]	New York City	M. M. Levites	3,334	110	6	8	2	105
Francis Delafield Hospital [1-3]	New York City	R. Loeb	289	74	4	8	3	105
French Hospital [1-3]	New York City	H. J. McNeile	1,270	15	1	4	3	50
Goldwater Memorial Hospital								
3rd (N.Y.U.) Division [1-3]	New York City	M. Rosenbluth	710	39	4	11	3	104
Harlem Hospital [1-3]	New York City	A. Altschul	4,279	88	4	10	3	105
Hospital for Joint Diseases [1-3]	New York City	M. L. Kramer	836	14	2	3	2	80
Jewish Memorial Hospital [1-3]	New York City	B. M. Hershfield	1,525	41	1	1	1	150
Knickerbocker Hospital [1-3]	New York City	M. S. Bruno	2,910	62	2	3	3	110
Lebanon Hospital [1-3]	New York City	H. L. Frosch-S. Weiskopf	1,912	50	1	1	1	100
Lenox Hill Hospital [1-3]	New York City	C. E. de la Chapelle-E. A. Lawrence	1,976	53	3	6	2	180
Lincoln Hospital [1-3]	New York City	C. R. Messeloff	2,360	104	4	11	3	105
Memorial Center for Cancer and Allied Diseases			.....	...	..	..	3	...
James Ewing Hospital [1-3]	New York City	R. W. Rawson	805	160	..	..	..	104
Memorial Hospital [1-3]	New York City	L. F. Craver	849	54	12	24	..	104
Misericordia Hospital [1-3]	New York City	L. V. Rooney	901	25	1	2	1	125
Montefiore Hospital [1-3]	New York City	L. Leiter	3,115	158	16	28	3	75
Morrisania City Hospital [1-3]	New York City	S. Biloon	3,774	178	7	11	2	105
Mount Sinai Hospital [1-3]	New York City	A. B. Gutman	6,617	255	14	32	3	50
New York Hospital [1-3]	New York City	D. P. Barr	2,637	166	12	26	3	116.67
New York Infirmary [2-3]	New York City	A. P. McCombs	461	10	1	2	1	150
New York Medical College-Metropolitan Medical Center		L. J. Boyd	.....	...	..	..	..	...
Bird S. Coler Memorial Hospital and Home [1-3]	New York City		2,365	34	28	54	2	105
Flower & Fifth Avenue Hospitals [1-3]	New York City		1,391	24	2	5	3	...
Metropolitan Hospital [1-3]	New York City		3,134	178	6	14	3	105
New York Polyclinic Medical School and Hospital [1-3]	New York City	J. P. Croce	1,263	24	1	3	3	100
New York University-Bellevue Medical Center								
University Hospital	New York City	C. F. Wilkinson, Jr.	2,103	32	..	1	1	135
Presbyterian Hospital [1]	New York City	R. F. Loeb	7,730	130	12	20	3	250
Roosevelt Hospital [1-3]	New York City	A. Antenucci-J. M. Freston	2,502	89	6	12	3	133
St. Barnabas Hospital for Chronic Diseases [1-3]	New York City	A. J. Patek, Jr.	825	42	2	4	2	75
St. Clare's Hospital [1-3]	New York City	J. P. Croce	1,882	55	1	3	3	200
St. Francis Hospital [1-3]	New York City	E. P. Flood	....	...	1	3	3	125
St. Luke's Hospital [1-3]	New York City	G. J. Coffin	3,307	140	6	18	3	100
St. Vincent's Hospital [1-3]	New York City	O. La Rotonda	3,624	135	6	13	3	125
Sydenham Hospital [1-3]	New York City	E. Appelbaum	706	13	2	3	1	105
United Hospital [1-3]	Port Chester, N. Y.	N. H. Schwartz	2,165	91	2	2	1	200
Genesee Hospital [1-3]	Rochester, N. Y.	H. Segal	1,956	103	2	5	3	150
Highland Hospital [1-3]	Rochester, N. Y.	J. W. Holler	1,300	72	2	5	3	175
Rochester General Hospital [1-3]	Rochester, N. Y.	L. Horn	2,924	113	3	9	3	125
St. Mary's Hospital [1-3]	Rochester, N. Y.	L. F. La Palm	4,006	140	2	4	3	200
Strong Memorial-Rochester Municipal Hospital [1-3]	Rochester, N. Y.	W. S. McCann	4,510	344	..	15	3	92
Ellis Hospital [1-3]	Schnectady, N. Y.	H. Reynolds	3,128	143	2	4	3	150
Staten Island Hospital [1-3]	Staten Island, N. Y.	C. N. Accettola	1,792	48	1	1	1	200
State University of New York Upstate Medical Center Hospitals [1-3]	Syracuse, N. Y.	R. H. Lyons	6,533	269	12	36	3	102
veterans Admin. Hospital	Syracuse, N. Y.	J. J. Duggar	....	...	..	..	..	...
Grasslands Hospital [1-3]	Valhalla, N. Y.	R. R. Heffner	942	81	1	5	3	175
White Plains Hospital [1-3]	White Plains, N. Y.	E. W. Weber	1,444	45	1	3	3	175
North Carolina Memorial Hospital [1-3]	Chapel Hill, N. C.	C. H. Burnett	1,171	23	7	15	3	156
Charlotte Memorial Hospital [1]	Charlotte, N. C.	J. M. Alexander	2,468	80	1	3	2	250
Duke University Affiliated Hospitals			.....	...	..	..	3	...
Duke Hospital [1-3]	Durham, N. C.	E. A. Stead, Jr.	2,938	94	14	36	..	102
Veterans Admin. Hospital	Durham, N. C.	W. B. Tucker	2,973	86	5	13	..	...
Watts Hospital [1-3]	Durham, N. C.	I. H. Manning	3,058	41	2	5	3	175
Rex Hospital [1]	Raleigh, N. C.	T. L. Umphlet	586	10	1	1	1	200
St. Agnes Hospital [1]	Raleigh, N. C.	V. S. Caviness	869	...	1	1	1	250
City Memorial Hospital [1]	Winston-Salem, N. C.	C. R. Welfare	2,843	19	1	3	3	300
Kate Bitting Reynolds Memorial Hospital [1]	Winston-Salem, N. C.	R. L. Smith	1,810	31	..	1	2	300
North Carolina Baptist Hospital [1-3-326]	Winston-Salem, N. C.	E. H. Yount, Jr.	3,469	82	3	11	3	125
Bismarck Hospital [3]	Bismarck, N. Dak.	C. H. Peters	1,389	40	2	2	1	300
St. Luke's Hospital	Fargo, N. Dak.	A. C. Fortney	1,778	62	1	1	1	300
Akron City Hospital [1-3]	Akron, Ohio	R. Wilson	17,939	180	3	6	3	250
Akron General Hospital [1]	Akron, Ohio	R. F. Jukes	2,298	108	2	5	3	250
St. Thomas Hospital [1-3]	Akron, Ohio	A. H. Loomis	2,571	102	2	5	3	250
Aultman Hospital [1-3]	Canton, Ohio	R. E. Tschantz	4,882	137	3	6	3	275
Mercy Hospital [1-3]	Canton, Ohio	L. C. Underwood	3,726	123	4	8	3	200
Bethesda Hospital [1-3]	Cincinnati	J. N. Ganim	1,246	58	1	2	1	200
Christ Hospital [1]	Cincinnati	I. H. Schroth	1,460	93	2	4	3	200
Cincinnati General Hospital [1-3-330]	Cincinnati	M. A. Blankenhorn	1,406	214	12	38	3	20
Deaconess Hospital [1-3]	Cincinnati	R. Woolford-C. Vilter	3,110	42	2	2	1	175
Good Samaritan Hospital [1-3-330]	Cincinnati	R. B. Homan	2,765	92	2	6	2	250
Jewish Hospital [1-3]	Cincinnati	H. S. Schiro	2,912	160	6	11	3	145
St. Mary's Hospital [1-3]	Cincinnati	J. D. Marioni	1,203	55	1	3	3	250
City Hospital [1-3]	Cleveland	R. W. Scott	1,509	173	8	19	3	150
Cleveland Clinic Hospital [1-3]	Cleveland	A. C. Ernstene	4,444	118	18	43	3	175
Fairview Park Hospital [1-3]	Cleveland	H. E. Christman	1,745	34	3	3	2	250
Highland View Hospital	Cleveland	D. R. Weir	864	39	1	1	1	120
Huron Road Hospital [1-3]	Cleveland	E. A. Marshall	2,194	74	2	4	1	210
Lutheran Hospital [1-3]	Cleveland	M. August	2,108	50	1	3	3	250
Mount Sinai Hospital [1-3]	Cleveland	M. Siegel	2,912	155	5	9	3	215
St. Alexis Hospital [1-3]	Cleveland	R. R. Bartunek	4,016	104	2	4	2	250
St. John's Hospital [1-3]	Cleveland	W. J. Fornes	1,440	7	2	4	3	170
St. Luke's Hospital [1-3]	Cleveland	A. D. Nichol	3,633	157	3	8	3	120
St. Vincent Charity Hospital [1-3]	Cleveland	F. R. Hanrahan	3,377	110	3	6	3	210

Numerical and other references will be found on pages 387 through 390.

9. INTERNAL MEDICINE—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [3]	Total Residencies Offered [3]	Length of Approved Program (Years)	Beginning Stipend (Month)
University Hospitals [1-3]	Cleveland	J. T. Wearn	4,094	240	12	21	3	125
Mount Carmel Hospital [1]	Columbus, Ohio	P. T. Knies	2,850	116	2	4	2	275
Ohio State University Hospitals								
University Hospital [1-3-348-349]	Columbus, Ohio	B. K. Wiseman	4,406	199	6	14	3	152
White Cross Hospital [1-3]	Columbus, Ohio	D. J. Vincent	2,985	54	1	3	2	275
Marymount Hospital [1-3]	Garfield Heights, Ohio	A. S. Broglio	2,489	48	2	2	1	200
Lakewood Hospital [1-3]	Lakewood, Ohio	J. T. Ledman	2,354	107	3	6	3	200
Lima Memorial Hospital [1-3]	Lima, Ohio	H. Warshawsky	3,110	12	1	3	1	275
St. Rita's Hospital [1-3]	Lima, Ohio	F. G. Maurer	1,656	27	1	3	3	275
Maumee Valley Hospital [1-3]	Toledo, Ohio	W. S. Thal	1,032	74	2	6	3	225
Mercy Hospital [1-3]	Toledo, Ohio	G. W. Bascom	343	18	1	1	1	275
St. Vincent's Hospital [1-3]	Toledo, Ohio	M. A. Schnitker	4,436	93	1	3	2	275
Toledo Hospital [1-3]	Toledo, Ohio	C. S. Mundy	2,315	92	1	3	3	200
St. Elizabeth Hospital [1]	Youngstown, Ohio	P. Mahar	2,528	46	2	3	2	300
Youngstown Hospital [1-3]	Youngstown, Ohio	J. Noll	1,873	112	2	6	3	175
St. Anthony Hospital	Oklahoma City	P. M. McNeill	2,069	61	1	2	2	150
University of Oklahoma Hospitals [1-3-351]	Oklahoma City	S. Wolf	1,131	74	5	12	3	85
Wesley Hospital [1]	Oklahoma City	W. W. Rucks, Jr.	1,519	37	1	1	1	225
St. John's Hospital [1-3]	Tulsa, Okla.	P. Strong	3,085	75	2	8	3	175
Emanuel Hospital [1-3]	Portland, Ore.	J. E. Field	3,431	136	1	3	3	275
Good Samaritan Hospital [1-3]	Portland, Ore.	O. Page	4,614	159	2	6	1	275
Providence Hospital [1-3]	Portland, Ore.	L. A. Lodmell	3,672	167	2	6	3	275
St. Vincent's Hospital [1-3]	Portland, Ore.	L. Meienberg	4,439	121	2	6	3	275
University of Oregon Medical School Hospitals and Clinics	Portland, Ore.	H. P. Lewis	2,407	256	3	8	3	100
Abington Memorial Hospital [1-3]	Abington, Pa.	J. T. Beardwood, Jr.	1,645	58	1	3	3	150
Allentown Hospital [1-3]	Allentown, Pa.	C. H. Kelchner	3,363	142	1	2	3	225
Sacred Heart Hospital [1-3]	Allentown, Pa.	A. W. Dubbs	2,485	70	1	2	2	225
St. Luke's Hospital	Bethlehem, Pa.	R. K. Shields	2,588	139	2	2	3	275
Bryn Mawr Hospital [1-3-364]	Bryn Mawr, Pa.	W. W. Dyer	2,922	152	1	4	3	200
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	W. J. Stainsby	2,424	74	3	8	3	175
Easton Hospital [1-3]	Easton, Pa.	J. Kincov	1,158	27	2	3	2	250
Hamot Hospital [1-3]	Erie, Pa.	J. B. Tredway	3,055	85	1	1	1	200
Westmoreland Hospital [1-3]	Greensburg, Pa.	W. V. Conn-D. W. Bortz	1,846	66	1	1	2	300
Harrisburg Hospital [1-3]	Harrisburg, Pa.	J. A. Dougherty	4,953	122	1	3	3	250
Harrisburg Polyclinic Hospital [1]	Harrisburg, Pa.	A. W. Cowley	2,524	111	2	4	2	300
Albert Einstein Medical Center Northern Division [1-3]	Philadelphia	B. A. Gouley	3,076	89	4	11	3	150
Southern Division [1]	Philadelphia	T. Mendell	2,239	93	1	4	3	150
Chestnut Hill Hospital	Philadelphia	R. M. Truitt, Jr.	1,272	46	1	2	1	250
Episcopal Hospital [1-3]	Philadelphia	S. R. Vogel-L. A. Soloff	2,201	101	2	6	3	150
Frankford Hospital [1-3]	Philadelphia	G. E. Mark, Jr.	969	49	1	2	1	250
Germantown Dispensary and Hospital [1-3]	Philadelphia	R. W. Mays	2,395	95	1	3	3	150
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	H. L. Bockus	1,284	47	2	5	3	...
Hahnemann Medical College and Hospital [3]	Philadelphia	J. B. Donaldson	2,615	117	4	12	3	75
Hospital of the University of Pennsylvania [1-3]	Philadelphia	F. C. Wood	5,262	153	12	39	3	...
Hospital of the Woman's Medical College of Pennsylvania [1-3]	Philadelphia	W. G. Leaman, Jr.	1,376	48	1	5	3	110
Jefferson Medical College Hospital [1-3]	Philadelphia	J. E. Deitrick	3,373	131	15	22	3	50
Lankenau Hospital [1-3]	Philadelphia	E. L. Bortz-F. L. Hartmann	2,711	81	2	4	2	100
Methodist Episcopal Hospital [1-3]	Philadelphia	H. F. Robertson	1,523	36	.	2	1	150
Pennsylvania Hospital [1-3]	Philadelphia	G. G. Duncan	2,841	138	11	11	3	20
Philadelphia General Hospital [1-3]	Philadelphia	H. Goldburgh	5,131	476	20	20	3	114
Presbyterian Hospital [1-3]	Philadelphia	G. P. Rouse	2,930	91	1	3	3	150
Temple University Hospital [1-3]	Philadelphia	R. A. Kern	3,071	98	..	..	3	...
Woman's Hospital [1-3]	Philadelphia	M. Easby	1,214	...	1	2	2	175
Allegheny General Hospital [1]	Pittsburgh	M. H. McCaffrey	3,395	133	1	3	2	200
Elizabeth Steel Magee Hospital [1-3]	Pittsburgh	L. A. Gregg	1,463	45	1	3	3	125
Mercy Hospital [1-3]	Pittsburgh	J. M. Johnston	1,188	22	3	9	3	175
Montefiore Hospital [1-3]	Pittsburgh	Y. D. Koskoff	2,438	89	4	12	3	225
Pittsburgh Hospital [1-3]	Pittsburgh	A. V. Morgan	1,560	39	1	1	1	300
Presbyterian Hospital	Pittsburgh	J. D. Myers	2,387	94	6	11	3	125
St. Francis General Hospital and Rehabilitation Institute [1]	Pittsburgh	A. P. D'Zmura	2,482	48	1	3	3	200
St. Margaret Memorial Hospital [1-3]	Pittsburgh	C. J. Bowen	1,635	85	1	1	1	300
Western Pennsylvania Hospital [1-3]	Pittsburgh	G. Booth	3,645	134	3	6	3	225
Reading Hospital [1-3]	Reading, Pa.	J. R. Spannuth	2,144	125	2	4	2	225
St. Joseph's Hospital [1-3]	Reading, Pa.	J. B. Levan	1,545	110	1	1	1	250
Robert Packer Hospital [1-3]	Sayre, Pa.	S. D. Conklin	3,520	36	3	9	3	200
Scranton State Hospital [1]	Scranton, Pa.	M. Goldstein	1,691	65	1	1	2	200
Wilkes-Barre General Hospital [1-3]	Wilkes-Barre, Pa.	J. F. Glering	2,465	58	1	1	1	225
York Hospital	York, Pa.	H. B. Thomas	2,637	117	1	1	1	225
Rhode Island Hospital [1-3]	Providence, R. I.	M. N. Fulton	3,376	205	5	9	3	100
Roper Hospital [1-3-383]	Charleston, S. C.	V. Moseley	2,880	75	4	10	3	138
Baroness Erlanger Hospital [1-3]	Chattanooga, Tenn.	E. W. Patton	4,447	63	4	7	3	150
Memorial Hospital [1-3]	Chattanooga, Tenn.	C. A. Hartung	2,408	20	2	2	1	250
St. Mary's Memorial Hospital [1-3-385]	Knoxville, Tenn.	B. M. Overholt	4,103	63	2	4	2	250
Baptist Memorial Hospital [1-3-387-389]	Memphis, Tenn.	C. V. Dowling	3,661	78	2	5	3	150
City of Memphis Hospitals [1-3]	Memphis, Tenn.	I. F. Tullis	2,382	300	4	11	3	100
St. Joseph Hospital [1-3]	Memphis, Tenn.	S. Blackwell	3,314	64	1	3	3	150
Baptist Hospital [1-3]	Nashville, Tenn.	J. L. Wyatt	2,351	41	3	3	1	75
George W. Hubbard Hospital [1-3]	Nashville, Tenn.	F. T. Billings, Jr.	1,140	69	3	6	3	125
Nashville General Hospital [1-3]	Nashville, Tenn.	W. J. Card	1,010	16	2	4	1	150
St. Thomas Hospital [1-3]	Nashville, Tenn.	A. B. Scoville	2,445	69	3	6	3	200
Vanderbilt University Hospital [1-3-442]	Nashville, Tenn.	H. J. Morgan	3,240	80	4	9	3	50
Oak Ridge Institute of Nuclear Studies [1]	Oak Ridge, Tenn.	G. A. Andrews	273	25	..	2	1	288
Baylor University Hospital [1-3]	Dallas, Texas	P. J. Thomas	5,343	130	2	7	3	100
Methodist Hospital [1-3]	Dallas, Texas	T. S. Barnes	1,578	47	1	3	3	125
Parkland Memorial Hospital [1-3]	Dallas, Texas	D. W. Seldin	1,417	103	8	16	3	50
St. Paul's Hospital [1-3]	Dallas, Texas	P. Q. Needham	3,773	115	2	6	3	125
Harris Hospital [1-3]	Fort Worth, Texas	J. M. Church	7,496	69	1	2	2	300
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	C. T. Stone, Sr.	3,704	165	8	20	3	100
Baylor University College of Medicine Affiliated Hospitals Jefferson Davis Hospital [1-3]	Houston, Texas	J. A. Greene	1,742	214	6	14	3	75
Methodist Hospital [1-3]	Houston, Texas	H. W. Cummings, Jr.	2,928	78	2	4	3	220
Veterans Admin. Hospital [1-3]	Houston, Texas	H. D. Bennett	4,022	178	7	21	3	...
Hermann Hospital [1-3-400]	Houston, Texas	E. A. Wilkerson	5,607	114	2	6	3	100
St. Joseph's Hospital [3-404]	Houston, Texas	W. M. Donohue	3,344	65	1	1	1	225
Southern Pacific Hospital [3-464]	Houston, Texas	M. D. Levy	708	2	1	3	1	...
University of Texas M. D. Anderson Hospital and Tumor Institute [1-3-464]	Houston, Texas	C. D. Howe	622	108	1	8	1	150

Numerical and other references will be found on pages 387 through 390.

9. INTERNAL MEDICINE—Continued

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
NONFEDERAL								
Robert B. Green Memorial Hospital [1-3]	San Antonio, Texas	W. W. Bondurant	847	49	1	3	2	150
Santa Rosa Hospital [1-3]	San Antonio, Texas	D. R. Sacks	8,405	120	..	1	1	250
Scott and White Memorial Hospitals [1-3]	Temple, Texas	O. B. Gober	5,345	62	2	6	3	250
Thomas D. Dee Memorial Hospital [1-3]	Ogden, Utah	G. H. Keyes	1,790	67	2	2	1	275
Dr. W. H. Groves Latter-Day Saints Hospital [3]	Salt Lake City	A. MacFarlane	2,825	98	1	3	3	200
Holy Cross Hospital [1-3]	Salt Lake City	E. M. Kilpatrick	1,311	40	1	1	1	175
Salt Lake County General Hospital	Salt Lake City	M. M. Wintrobe	726	86	6	31	3	200
De Goesbriand Memorial Hospital [1-3]	Burlington, Vt.	C. M. Terrien	1,627	45	1	3	2	100
Mary Fletcher Hospital [1-3]	Burlington, Vt.	E. L. Amidon	1,471	54	3	6	2	110
Alexandria Hospital [1-3]	Alexandria, Va.	J. E. Watson	1,538	122	3	3	1	260
University of Virginia Hospital [1-3]	Charlottesville, Va.	W. Parson	2,910	100	9	24	3	50
Chesapeake and Ohio Hospital [1-3]	Clifton Forge, Va.	A. D. Williams	2,543	33	3	4	1	200
Riverside Hospital [1-3]	Newport News, Va.	J. W. Massey	2,281	70	1	1	1	250
De Paul Hospital [1-3]	Norfolk, Va.	J. D. Lea	1,758	57	2	4	3	200
Norfolk General Hospital [1-3]	Norfolk, Va.	M. R. Whitehill	2,716	96	2	4	3	185
Johnston-Willis Hospital [1-3]	Richmond, Va.	J. M. Hutcheson	2,517	69	2	2	1	250
Medical College of Virginia-Hospital Division [1-3-415-416]	Richmond, Va.	W. B. Porter	3,811	168	10	19	3	50
Jefferson Hospital [1-3]	Roanoke, Va.	R. C. Crawford	1,251	51	1	3	1	150
Lewis-Gale Hospital [1-3]	Roanoke, Va.	R. H. Jones, Jr.	1,980	34	1	1	1	300
Doctors Hospital [1-3]	Seattle	J. D. Collins	2,158	108	1	2	1	250
King County Hospital Unit No. 1 (Harborview) [1-424]	Seattle	R. H. Williams	4,846	339	6	12	3	125
Providence Hospital [1-3]	Seattle	R. Simpson	3,294	101	1	2	2	200
Swedish Hospital [1-3]	Seattle	W. W. Lindahl	2,345	134	1	2	1	150
Virginia Mason Hospital [1-3]	Seattle	R. L. King	2,902	85	2	6	3	150
Charleston General Hospital [1-3]	Charleston, W. Va.	W. A. Thornhill, Jr.	2,602	54	2	5	3	225
Memorial Hospital [1-3]	Charleston, W. Va.	P. A. Tuckwiller	2,372	52	1	3	3	225
Chesapeake and Ohio Hospital [1-3]	Huntington, W. Va.	W. E. Bray, Jr.	2,225	35	4	4	1	200
Ohio Valley General Hospital [1-3]	Wheeling, W. Va.	R. M. Sonneborn	1,803	93	1	3	3	300
La Crosse Lutheran Hospital [1-3]	La Crosse, Wis.	T. E. Gundersen	2,027	38	..	..	2	...
Madison General Hospital [1-3]	Madison, Wis.	R. M. Becker	2,408	126	2	2	1	150
St. Mary's Hospital [1-3]	Madison, Wis.	R. X. Farrell	2,104	64	2	2	3	250
University Hospitals [1-3-420]	Madison, Wis.	O. O. Meyer	4,839	172	6	18	3	175
St. Joseph's Hospital	Marshfield, Wis.	K. H. Doege	1,583	47	1	1	3	...
Columbia Hospital [1-3-433]	Milwaukee	E. W. Mason	1,319	59	2	6	1	195
Milwaukee County Hospital [1-3]	Milwaukee	J. Shaiken	9,864	414	8	24	3	207
Milwaukee Hospital [1-3-432]	Milwaukee	E. R. Daniels	2,344	99	1	3	3	195
Mount Sinai Hospital [1-3]	Milwaukee	N. Grossman	1,526	39	1	3	3	300
St. Joseph's Hospital [1-3]	Milwaukee	W. L. Coffey, Jr.	2,751	123	1	3	3	300
St. Luke's Hospital [1-3]	Milwaukee	M. Hardgrove	501	17	2	2	1	275
St. Mary's Hospital	Milwaukee	W. M. Jermain	1,187	45	..	..	1	...
Gorgas Hospital [1]	Ancon, Canal Zone	E. A. Cleve	3,679	66	2	6	..	345
Queen's Hospital [1-439]	Honolulu, T. H.	H. L. Arnold, Sr.	2,764	104	2	6	3	150
St. Francis Hospital [3]	Honolulu, T. H.	T. S. Min	2,493	64	1	2	2	100
Bayamon District Hospital [1-3]	Bayamon, P. R.	E. Martinez	1,109	88	1	3	3	150
San Juan City Hospital [1-3]	San Juan, P. R.	R. S. Diaz Rivera	1,162	63	3	7	3	150

10. MALIGNANT DISEASES

Residency programs in the following hospitals have been approved for ONE year of training by the Council on Medical Education and Hospitals.

Hospitals, 11; Assistant Residencies and Residencies, 42

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Beginning Stipend (Month)
FEDERAL							
VETERANS ADMINISTRATION							
Veterans Admin. Hospital [1]	Hines, Ill.	W. S. Walsh	765	98	..	1	...
NONFEDERAL							
City of Hope Medical Center	Duarte, Calif.	H. R. Bierman	1,031	119	2	8	300
Presbyterian Hospital-Olmsted Memorial [1-3]	Los Angeles	H. M. Kersten	459	32	1	1	200
Collis P. and Howard Huntington Memorial Hospital [1-3]	Pasadena, Calif.	C. F. Doehring-G. Sharp	655	27	1	1	240
Michael Reese Hospital [1-3]	Chicago	E. Uhlmann	918	85	2	2	...
Westfield State Sanatorium [1-3]	Westfield, Mass.	F. S. Hopkins	715	32	..	3	490
Ellis Fischel State Cancer Hospital [1-3]	Columbia, Mo.	N. D. Rodes	1,340	43	..	6	200
Montefiore Hospital [1-3]	New York City	D. Laszlo	722	125	..	6	75
American Oncologic Hospital [1-3]	Philadelphia	J. W. Bransfield	1,042	9	4	4	250
Jeanes Hospital	Philadelphia	J. W. Carnwath-R. H. Driscoll	2,999	55	6	6	150
University of Texas M. D. Anderson Hospital and Tumor Institute [1-3]	Houston, Texas	E. C. White	622	163	..	4	150

11. NEUROLOGICAL SURGERY

Residency programs in the following hospitals have been approved by the Council and the American Board of Neurological Surgery, through the Residency Review Committee for Neurological Surgery, as offering acceptable training in the specialty.

Hospitals, 108; Assistant Residencies and Residencies, 317

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
FEDERAL								
UNITED STATES ARMY								
Army Medical Center	Washington, D. C.	G. J. Hayes	709	12	1	4	4	...
VETERANS ADMINISTRATION								
Veterans Admin. Hospital [1-3]	Long Beach, Calif.	J. D. French	402	20	1	3	3	...
Veterans Admin. Hospital [1-3]	Los Angeles	(See University of California at Los Angeles Medical Center)						
Veterans Admin. Hospital [1-45]	San Francisco	O. W. Jones, Jr.	169	11	1	2	..	...
		(See University of California Hospitals)						
Veterans Admin. Hospital	Denver	(See University of Colorado Medical Center)						

Numerical and other references will be found on pages 387 through 390.

11. NEUROLOGICAL SURGERY—Continued

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [6]	Total Residencies Offered [6]	Length of Approved Program (Years)	Beginning Stipend (Month)
FEDERAL								
Veterans Admin. Research Hospital [1]	Chicago	(See Northwestern University Medical Center)						
Veterans Admin. Hospital	Hines, Ill.	(See Loyola University (Stritch School of Medicine) Affiliated Hospitals)						
Veterans Admin. Hospital [1]	Indianapolis	(See Indiana University Medical Center)						
Veterans Admin. Hospital [1-3]	Louisville, Ky.	(See University of Louisville Affiliated Hospitals)						
Veterans Admin. Hospital [1-3]	Boston (Jamaica Plain)	(See Massachusetts General Hospital, Boston)						
Veterans Admin. Hospital [1-3-285]	New York City (Bronx)	J. E. Scarff	247	14	1	4	4	...
Veterans Admin. Hospital [1-3]	Cleveland	(See Western Reserve University Hospitals)						
Veterans Admin. Hospital [1-3]	Memphis, Tenn.	C. D. Scheibert	786	18	1	1	1	...
Veterans Admin. Hospital [1-3]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)						
Veterans Admin. Hospital [1-3]	White River Jct., Vt.	(See Dartmouth Medical School Affiliated Hospitals)						
Veterans Admin. Hospital [1-3]	Richmond, Va.	(See University of Virginia Hospitals)						
Veterans Admin. Hospital [1-3]	Seattle	(See University of Washington Affiliated Hospitals)						
NONFEDERAL								
University of Alabama Medical Center								
University Hospital and Hillman Clinic [1-3]	Birmingham, Ala.	J. G. Galbraith	922	32	..	1	3	108
Los Angeles County Hospital [1-27]	Los Angeles	C. Rand	2,691	40	1	5	4	246
University of California at Los Angeles Medical Center			....	..	..	..	4	...
University Hospital	Los Angeles	W. E. Stern	....	..	..	..	..	...
Veterans Admin. Hospital [1-3]	Los Angeles		488	25	1	2	..	...
White Memorial Hospital [1-3-28]	Los Angeles	P. J. Vogel	395	20	1	2	3	151
Collis P. and Howard								
Huntington Memorial Hospital [1-3]	Pasadena, Calif.	C. F. Doehring-C. H. Shelden	412	11	1	2	2	240
Franklin Hospital [1-3]	San Francisco	H. A. Brown	702	7	2	2	..	200
University of California Hospitals		(See University of California Hospitals)						
University of California Hospital [1-3]	San Francisco	E. B. Boldrey	602	17	..	5	..	200
University of Colorado Medical Center [403]			....	..	..	..	4	...
Colorado General Hospital [1-3]	Denver	C. G. Freed-K. Welch	458	26	1	4	..	100
Denver General Hospital [1-3]	Denver	C. G. Freed	....	..	..	..	..	...
Veterans Admin. Hospital	Denver		....	..	..	..	..	...
St. Francis Hospital [1-3]	Hartford, Conn.	R. C. Buckley	769	14	1	1	1	125
Grace-New Haven Community Hospital [1-3-66]-Hartford Hospital [1-3]	New Haven-Hartford, Conn.	W. J. German-W. B. Scoville	1,776	99	..	7	4	50
Georgetown University Affiliated Hospitals		O. H. Fulcher	....	..	..	..	3	...
Children's Hospital	Washington, D. C.		....	..	..	..	..	...
District of Columbia General Hospital	Washington, D. C.		....	..	..	..	..	...
University Hospital	Washington, D. C.		336	13	1	4	..	100
George Washington University Affiliated Hospitals		J. W. Watts	....	..	..	..	3	...
Children's Hospital	Washington, D. C.		....	..	..	..	..	...
District of Columbia General Hospital	Washington, D. C.		....	..	..	..	..	...
University Hospital [1-3]	Washington, D. C.		181	6	..	1	..	150
Emory University Hospital	Emory University, Ga.	E. F. Fincher	227	16	1	4	4	190
Loyola University (Stritch School of Medicine) Affiliated Hospitals		H. C. Voris	....	..	..	..	4	...
Mercy Hospital [1-3]	Chicago		324	7	1	3	..	100
Veterans Admin. Hospital	Hines, Ill.		410	20	1	1	..	...
Northwestern University Medical Center			....	..	..	..	4	...
Chicago Wesley Memorial Hospital [1-3]	Chicago	P. C. Bucy	450	12	..	3	4	75
Passavant Memorial Hospital	Chicago	L. Davis	150	6	1	1	..	50
Veterans Admin. Research Hospital [1]	Chicago	L. Davis	157	5	..	2	..	...
Evanston Hospital [1-3]	Evanston, Ill.	J. Tarkington	77	13	1	1	..	225
Presbyterian Hospital [1]	Chicago	A. Ver Brugghen	382	17	2	2	3	125
St. Luke's Hospital [1-3]	Chicago	E. Oldberg			(See University of Illinois Neuropsychiatric Institute)			
University of Chicago Clinics [1-3]	Chicago	J. P. Evans	305	18	3	5	3	200
University of Illinois Neuropsychiatric Institute [1-3-115]	Chicago	E. Oldberg	674	35	1	6	4	125
Indiana University Medical Center			....	..	..	..	4	...
Indiana University Medical Center Hospital [1]	Indianapolis	R. F. Heimburger	313	26	1	3	..	165
Veterans Admin. Hospital [1]	Indianapolis	R. F. Heimburger	281	13	..	..	..	...
State University of Iowa Hospitals [1-3]	Iowa City	R. Meyers	471	21	..	3	4	160
University of Kansas Medical Center [1-3]	Kansas City, Kan.	W. Williamson	398	20	1	3	4	125
University of Louisville Affiliated Hospitals			....	..	..	..	4	...
Louisville General Hospital [1-3-139]	Louisville, Ky.	R. G. Spurling	1,531	34	1	3	..	83
Veterans Admin. Hospital [1-3]	Louisville, Ky.	E. Grantham	....	..	..	..	..	...
Charity Hospital of Louisiana								
Tulane University Unit [1]	New Orleans	D. H. Echols	249	19	..	1	1	175
Ochsner Foundation Hospital [1-143]	New Orleans	D. H. Echols	287	9	1	4	4	225
Johns Hopkins Hospital [1-3-405]	Baltimore	A. E. Walker	871	20	2	3	4	25
University Hospital [1-3-159]	Baltimore	J. G. Arnold, Jr.	689	18	..	5	4	75
Boston City Hospital [1-3]	Boston	W. Wegner	346	6	1	5	3	112
Children's Medical Center [1-3]	Boston	F. D. Ingraham	470	11	..	4	4	50
Peter Bent Brigham Hospital [1-3]	Boston	F. D. Ingraham	....	..	..	..	..	...
Lahey Clinic [1-3-174-176]	Boston	G. Horrax	809	15	4	8	1	175
Massachusetts General Hospital [1-3]	Boston	J. C. White	871	..	1	3	4	67
Veterans Admin. Hospital [1-3]	Boston (Jamaica Plain)	J. Drew	301	23	..	3	..	...
New England Center Hospital [1-3]	Boston	B. Selverstone	221	2	1	3	4	83
University Hospital [1-3]	Ann Arbor, Mich.	E. A. Kahn	855	39	2	8	4	186
Grace Hospital [1-3-197]	Detroit	E. S. Gurdjian	1,026	19	1	3	4	275
Henry Ford Hospital [1-3]	Detroit	R. S. Knighton	459	23	1	4	4	225
University of Minnesota Hospitals [1-3-214]	Minneapolis	W. T. Peyton	485	14	1	6	4	185
Mayo Foundation [1]	Rochester, Minn.	J. G. Love	2,400	59	11	27	4	150
Barnes Hospital [1-3]	St. Louis	H. G. Schwartz	489	43	1	4	4	50
Dartmouth Medical School Affiliated Hospitals		R. G. Fisher	552	20	1	3	4	188
Mary Hitchcock Memorial Hospital [1-3]	Hanover, N. H.		....	..	..	..	..	...
Veterans Admin. Hospital [1-3]	White River Jct., Vt.		....	..	..	..	..	...
Albany Hospital [1-3]	Albany, N. Y.	E. H. Campbell	1,015	44	1	3	3	160
Kings County Hospital								
University Service [1]	Brooklyn, N. Y.	E. J. Browder	3,317	93	2	6	4	104
Buffalo General Hospital [1-3-256]	Buffalo	W. B. Hamby	513	23	1	4	4	175
Bellevue Hospital Center								
Div. IV.-New York University Post Graduate Medical School [1-3-279]	New York City	T. I. Hoen	129	1	2	8	3	165
Albert Einstein Coll. of Med. Affil. Hospitals			....	..	..	..	4	...
Bronx Municipal Hospital Center	New York City	L. M. Davidoff	....	..	1	3	..	165
Montifiore Hospital [1-3]	New York City	L. M. Davidoff	....	..	..	..	..	...
Mount Sinai Hospital [1-3]	New York City		422	14	..	2	3	50
New York Hospital [1-3]	New York City	B. S. Ray	265	..	1	2	4	158.34
Presbyterian Hospital [1]	New York City	J. L. Pool	784	19	6	9	4	250
St. Vincent's Hospital [1-3]	New York City	C. G. De Gutierrez-Mahoney	1,046	28	2	4	3	125
Duke University Hospital [1-3-220]	Durham, N. C.	B. Woodhall	1,180	29	1	5	4	127
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C	E. Alexander, Jr.	511	27	1	3	4	125
University of Cincinnati Affiliated Hospitals			....	..	..	..	4	...
Christ Hospital [1]	Cincinnati	F. H. Mayfield	364	15	1	1	..	200

Numerical and other references will be found on pages 387 through 390.

11. NEUROLOGICAL SURGERY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
Cincinnati General Hospital [1-8-352]	Cincinnati	R. L. McLaurin	291	34	1	3	..	84
Good Samaritan Hospital [1-8-385]	Cincinnati	F. Mayfield	116	5	..	1	..	300
Cleveland Clinic Hospital [1-8]	Cleveland	W. J. Gardner	4,178	32	2	5	4	175
Western Reserve University Affiliated Hospitals			....	..	..	..	4	...
City Hospital [1-8]	Cleveland	H. W. Slade	264	29	1	4	..	150
University Hospitals [1-8-339]	Cleveland	F. E. Nulsen	231	13	..	4	..	125
Veterans Admin. Hospital [1-8-348]	Cleveland	F. E. Nulsen	253	9	1	1	..	...
Ohio State University Hospitals			....	..	..	..	4	...
Children's Hospital [1-8]	Columbus, Ohio	M. P. Sayers	383	20	..	..	..	...
University Hospital [1-8]	Columbus, Ohio	H. E. Le Fever	493	46	..	2	..	152
White Cross Hospital [1-8]	Columbus, Ohio	H. E. Le Fever	939	36	1	1	..	275
University of Oklahoma Hospitals [1-8]	Oklahoma City	H. Wilkins	172	14	..	2	4	...
University of Oregon Medical School Affiliated Hospitals		J. Raaf	....	..	..	..	4	...
Good Samaritan Hospital	Portland, Ore.		244	18	1	1	..	275
University of Oregon Medical School Hospitals and Clinics [359]	Portland, Ore.		629	18	1	3	..	100
Graduate Hospital of the University of Pennsylvania [1-8]	Philadelphia	R. A. Groff	434	27	2	3	4	100
Hahnemann Medical College and Hospital [8]	Philadelphia	A. K. Olsen	280	7	1	3	3	75
Hospital of the University of Pennsylvania [1-8]	Philadelphia	F. C. Grant	379	27	1	4	4	...
Jefferson Medical College Hospital [1-8]	Philadelphia	R. Jaeger	394	13	1	2	4	100
Temple University Hospital [1-8]	Philadelphia	M. Scott	695	13	..	..	4	...
Mercy Hospital [1-8]	Pittsburgh	F. H. Bragdon	445	13	1	3	3	175
Pittsburgh Medical Center [457]			....	..	..	..	4	...
Children's Hospital [1-8]	Pittsburgh	J. F. Grunnagle	357	..	..	..	..	...
Presbyterian Hospital and Woman's Hospital	Pittsburgh	S. N. Rowe	265	9	..	1	..	125
Robert Packer Hospital [1-8]	Sayre, Pa.	A. B. King	632	14	1	1	1	200
Baptist Memorial Hospital [1-8-359]	Memphis, Tenn.	R. L. De Saussure	776	18	1	4	3	150
Vanderbilt University Hospital [1-8]	Nashville, Tenn.	W. F. Meacham	578	18	1	4	4	50
University of Texas Medical Branch Hospitals [1-8]	Galveston, Texas	S. R. Snodgrass	598	23	1	3	4	160
Baylor University College of Medicine Affiliated Hospitals			....	..	..	..	4	...
Jefferson Davis Hospital [1-8]	Houston, Texas	C. A. Carton	204	8	1	3	..	100
Methodist Hospital [1-8]	Houston, Texas	J. A. Greenwood	827	24	1	3	..	220
Veterans Admin. Hospital [1-8]	Houston, Texas	C. A. Carton	310	14	2	4	..	...
University of Virginia Hospitals			....	..	..	..	4	...
University Hospital [1-8-416]	Charlottesville, Va.	W. G. Crutchfield	741	14	2	5	..	50
Veterans Admin. Hospital [1-8-419]	Richmond, Va.	J. L. Ulmer	308	9	1	2	..	...
Medical College of Virginia-Hospital Division [1-8]	Richmond, Va.	J. M. Meredith	944	40	1	4	4	50
University of Washington Affiliated Hospitals		A. A. Ward, Jr.	....	..	..	..	4	...
King County Hospital Unit No. 1 (Harborview)[1]	Seattle		410	57	..	1	..	145
Veterans Admin. Hospital [1-8]	Seattle		114	8	..	1	..	...
University Hospitals [1-8]	Madison, Wis.	T. C. Erickson	366	32	1	4	3	175

12. NEUROLOGY

Residency programs in the following hospitals have been approved for THREE years of training by the Council and the American Board of Psychiatry and Neurology, through the Residency Review Committee for Psychiatry and Neurology, as offering acceptable training in the specialty.

Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc., should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program approved at the two or three year level—see summary of requirements, American Board of Psychiatry and Neurology, Inc., page 410.

Hospitals, 60; Assistant Residencies and Residencies, 273

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Beginning Stipend (Month)
UNITED STATES ARMY							
Fitzsimons Army Hospital [1]	Denver	H. Collings	141	...	1	3	...
Army Medical Center [1-8]	Washington D. C.	R. E. Clausen, Jr.	404	7	2	6	...
VETERANS ADMINISTRATION							
Veterans Admin. Hospital [1-8]	Long Beach, Calif.	M. Feld	619	30	1	3	...
Veterans Admin. Hospital [1-8]	Los Angeles	W. H. Oldendorf	330	15	1	1	...
Veterans Admin. Hospital [1-48]	San Francisco	W. J. Friedlander	154	8	1	3	...
Veterans Admin. Hospital [1-8]	Denver	W. V. Huber	786	39	2	2	...
Veterans Admin. Hospital [1-8-84]	Washington, D. C.	H. F. Corson	144	5	1	3	...
Veterans Admin. Hospital [1]	Hines, Ill.	B. H. Kesert	1,209	53	4	4	...
Veterans Admin. Hospital [1-8]	Louisville, Ky.	I. O. Dein	281	10	1	1	...
Veterans Admin. Hospital	Boston (Jamaica Plain)	F. A. Quadfasel	799	21	5	10	...
Veterans Admin. Hospital [1-8]	Minneapolis	R. C. Gray	447	10	2	2	...
Veterans Admin. Hospital [1-8-305]	New York City (Bronx)	H. L. Flowers	611	16	2	4	...
Veterans Admin. Hospital [1-8]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)					
Veterans Admin. Hospital [1-8]	Richmond, Va.	J. B. Funkhouser	373	2	1	3	...

NONFEDERAL

Los Angeles County Hospital [1]	Los Angeles	J. M. Nielsen	3,553	231	2	3	246
University of California Medical Center	Los Angeles	A. S. Rose	.....	...	..	2	259
White Memorial Hospital [1-8-38]	Los Angeles	L. B. Mann	160	...	1	3	151
Stanford University Hospitals [1-8]	San Francisco	H. W. Newman	618	8	1	2	200
University of Colorado Medical Center [103]							
Colorado General Hospital [1-8]	Denver	L. E. Daniels	116	...	1	3	160
Denver General Hospital [1-8]	Denver	L. E. Daniels	54	5	..	..	157
Grace-New Haven Community Hospital [1-8]	New Haven, Conn.	G. H. Glaser	500	...	1	3	150
Jackson Memorial Hospital	Miami, Fla.	P. Scheinberg	384	60	2	6	200
Northwestern University Medical Center [1-8-104]	Chicago	B. Boshes	513	14	3	12	...
St. Luke's Hospital [1-8]	Chicago	R. MacKay	125	...	1	2	75
University of Chicago Clinics [1-8]	Chicago	R. B. Richter	372	10	2	3	200
University of Illinois Neuropsychiatric Institute [1-8-113]	Chicago	E. Oldberg	Incl. in Neurosurg.		..	..	125
Indiana University Affiliated Hospitals							
Indianapolis General Hospital [1-8]	Indianapolis	A. T. Ross	200	17	..	..	205
Indiana University Medical Center Hospital [1-125]	Indianapolis	A. Ross	Incl. in Neurosurg.		2	6	165
State University of Iowa Hospitals [1-8]	Iowa City	A. L. Sahs	1,027	16	2	4	140
University of Kansas Medical Center [1-8]	Kansas City, Kan.	A. T. Steegmann	161	1	1	2	125
Louisville General Hospital [1-8]	Louisville, Ky.	E. Roseman	728	55	1	3	131
Charity Hospital of Louisiana							
Tulane University Unit [1]	New Orleans	R. G. Heath	396	12	1	3	100
Baltimore City Hospitals [1-8]	Baltimore	J. W. Magladery	945	46	1	2	50
Johns Hopkins Hospital [1-8]	Baltimore	F. Ford	Incl. in Medicine		2	2	25
University Hospital [1-8]	Baltimore	C. Van Buskirk	14	2	1	3	75
Boston City Hospital [1-8]	Boston	D. E. Denny Brown	318	10	3	8	112

Numerical and other references will be found on pages 387 through 390.

12. NEUROLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [6]	Total Residencies Offered [6]	Beginning Stipend (Month)
Massachusetts General Hospital [1-3-173]	Boston	R. D. Adams	680	...	1	2	67
University Hospital [1-3]	Ann Arbor, Mich.	R. N. De Jong	862	18	5	15	154
Henry Ford Hospital [1-3]	Detroit	L. D. Proctor	384	13	1	3	225
University of Minnesota Hospitals							
Minneapolis General Hospital [1-3]	Minneapolis	H. H. Noran	427	41	..	..	171
University Hospital [1-3]	Minneapolis	A. B. Baker	588	12	3	7	185
Mayo Foundation [1]	Rochester, Minn.	L. M. Eaton	3,165	39	6	14	150
Barnes Hospital [1-3]	St. Louis	J. L. O'Leary	593	10	1	2	75
Albany Hospital [1-3]	Albany, N. Y.	R. Graves	381	6	2	4	160
Kings County Hospital [1]							
University Service	Brooklyn, N. Y.	A. Rabiner	1,622	51	2	4	104
Bellevue Hospital Center							
Div. II. Cornell University [1-3-291]	New York City	F. McDowell	420	17	2	6	105
Div. III. New York University							
College of Medicine [1-3-275]	New York City	M. Bender	242	8	8	21	105
Montefiore Hospital [1-3]	New York City	T. Lawyer, Jr.	558	30	2	5	75
Mount Sinai Hospital [1-3]	New York City	M. Bender	753	36	7	11	50
New York Hospital [1-3]	New York City	H. G. Wolff	Incl. in Medicine		1	1	116.67
Presbyterian Hospital (Neurological Institute) [1]	New York City	H. H. Merritt	3,095	42	10	15	250
North Carolina Memorial Hospital [1-3]	Chapel Hill, N. C.	T. W. Farmer	230	3	2	6	156
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	R. L. Masland	277	5	1	3	125
Cincinnati General Hospital [1-3-329]	Cincinnati	C. D. Aring	151	67	1	5	50
Hospital of the University of Pennsylvania [1-3]	Philadelphia	G. Gammon	545	3	3	8	100
Jefferson Medical College Hospital [1-3]	Philadelphia	B. J. Alpers	581	11	1	3	50
Philadelphia General Hospital [1-3]	Philadelphia	A. Ornsteen	1,183	127	3	5	114
Baylor University College of Medicine Affiliated Hospitals							
Jefferson Davis Hospital	Houston, Texas		...	...	..	..	...
Methodist Hospital [1-3]	Houston, Texas	W. S. Fields	134	1	1	1	220
Veterans Admin. Hospital [1-3]	Houston, Texas	W. S. Fields	445	15	2	4	...
University Hospitals [1-3]	Madison, Wis.	H. H. Reese	571	...	1	4	175

Residency programs in the following hospitals have been approved for TWO years of training by the Council and the American Board of Psychiatry and Neurology, through the Residency Review Committee for Psychiatry and Neurology, as offering acceptable training in the specialty.

Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc., should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program approved at the two or three year level—see summary of requirements, American Board of Psychiatry and Neurology, Inc., page 410.

Hospitals, 18; Assistant Residencies and Residencies, 47

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [6]	Total Residencies Offered [6]	Beginning Stipend (Month)
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE							
Freedmen's Hospital [1-3]	Washington, D. C.	E. Y. Williams	181	2	1	2	218
VETERANS ADMINISTRATION							
Veterans Admin. Hospital	Oakland, Calif.	J. K. Smith	650	33	..	..	...
Veterans Admin. Hospital-West Haven Division	West Haven, Conn.	L. Levy	255	19	..	1	...
Veterans Admin. Hospital [1-3]	Pittsburgh	E. L. Youngue	370	9	1	4	...
Veterans Admin. Hospital [1-411]	Salt Lake City	M. H. Thomas	143	5	2	2	...

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [6]	Total Residencies Offered [6]	Beginning Stipend (Month)
University of California Hospital [1-3]	San Francisco	R. B. Aird	304	6	..	3	200
District of Columbia General Hospital [1-3]	Washington, D. C.	F. M. Forster-H. Stevens	610	13	1	3	153
Georgetown University Hospital	Washington, D. C.	F. M. Forster	169	1	4	10	100
George Washington University Hospital [1-3]	Washington, D. C.	H. Stevens	308	7	..	2	175
Charity Hospital of Louisiana							
Louisiana State University Unit [1]	New Orleans	R. Paddison	252	6	1	3	100
Elmhurst General Hospital [1-3-458]	Elmhurst, N. Y.	M. Helfand	486	26	1	2	105
Lenox Hill Hospital [1-3]	New York City	A. Bell	355	8	1	1	180
Duke University Hospital [1-3-322]	Durham, N. C.	E. C. Kunkle	241	1	2	5	102
Cleveland Clinic Hospital [1-3]	Cleveland	L. J. Karnosh	Incl. in Psychiatry		2	3	175
Ohio State University Hospitals							
University Hospital [1-3]	Columbus	D. M. Palmer	Incl. in Int. Med.		..	..	152
University of Oregon Medical School Hospitals and Clinics [3-60]	Portland, Ore.	R. L. Swank	296	21	1	2	100
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	A. S. Tornay	689	22	2	3	...
St. Francis General Hospital and Rehabilitation Institute [1]	Pittsburgh	H. L. Mitchell	996	8	..	1	200

Residency programs in the following hospitals have been approved for ONE year of training by the Council and the American Board of Psychiatry and Neurology, through the Residency Review Committee for Psychiatry and Neurology, as offering acceptable training in the specialty.

Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc., should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program approved at the two or three year level—see summary of requirements, American Board of Psychiatry and Neurology, Inc., page 410.

Hospitals, 26; Assistant Residencies and Residencies, 51

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [6]	Total Residencies Offered [6]	Beginning Stipend (Month)
UNITED STATES NAVY							
U. S. Naval Hospital	Bethesda, Md.	J. E. Nardini	231	..	1	1	...
U. S. Naval Hospital [1-3]	Philadelphia	J. F. McMullin	257	2	1	1	...
UNITED STATES PUBLIC HEALTH SERVICE							
National Institutes of Health-Clinical Center [1-3]	Bethesda, Md.	M. Shy	399	10	..	4	...
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE							
St. Elizabeth's Hospital [1-3]	Washington, D. C.	H. Stevens	62	4	1	1	308
VETERANS ADMINISTRATION							
Veterans Admin. Hospital [1-3]	Topeka, Kan.	M. R. Shaver	309	7	1	2	...
Veterans Admin. Hospital [1-3-193]	Dearborn, Mich.	R. T. Costello	300	22	1	1	...
Veterans Admin. Hospital [1-219]	Kansas City, Mo.	W. A. Stephenson	304	11	1	2	...
Veterans Admin. Hospital [1-3]	Omaha	F. A. Majka	202	15	2	2	...
Veterans Admin. Hospital [1-3-241]	East Orange, N. J.	J. Sobin	414	24	2	4	...
Veterans Admin. Hospital [1-3]	Albany, N. Y.	.....	.....	...	..	..	...

Numerical and other references will be found on pages 387 through 390.

12. NEUROLOGY—Continued

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [2]	Total Residencies Offered [2]	Beginning Stipend (Month)
FEDERAL							
Veterans Admin. Hospital [1-3]	Brooklyn, N. Y.	M. E. Margulies	230	18	1	1	...
Veterans Admin. Hospital [1-3-269]	New York City (Manhattan)	D. P. Morton	164	3	4	11	...
Veterans Admin. Hospital	Seattle	(See University of Washington Affiliated Hospitals)					
NONFEDERAL							
Cook County Hospital [1-3]	Chicago	B. W. Lichtenstein	347	5	2	2	75
New England Center Hospital [1-3]	Boston	J. F. Sullivan	298	3	2	5	83
Bergen Pines County Hospital [1-3]	Paramus, N. J.	S. A. Sandler	143	28	1	1	200
Jewish Chronic Disease Hospital [1-3]	Brooklyn, N. Y.	A. M. Rabiner	502	..	1	3	175
Buffalo General Hospital [1-3]	Buffalo	I. M. Hyman	116	..	1	1	175
Edward J. Meyer Memorial Hospital [1]	Buffalo	B. H. Smith	175	2	1	1	248
Fordham Hospital [1-3]	New York City	J. H. Friedman	75	2	1	1	105
Goldwater Memorial Hospital 3rd (N. Y. U.) Division [1-3]	New York City	I. S. Freiman	351	13	1	3	104
New York Medical College-Metropolitan Medical Center Metropolitan Hospital [1-3]	New York City	I. Tarlov	34	2	1	2	105
Morrisania City Hospital [1-3]	New York City	M. J. Madonick	Incl. in Medicine		1	1	105
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	T. Harris	Incl. in Psychiatry		..	1	160
University of Washington Affiliated Hospitals							
King County Hospital Unit No. 1 (Harborview) [1]	Seattle		.....	...	..	..	...
Veterans Admin. Hospital [1-3]	Seattle	M. H. Johnson	174	6	..	..	...

13. OBSTETRICS AND GYNECOLOGY

Residency programs in the following hospitals have been approved by the Council and the American Board of Obstetrics and Gynecology.
Hospitals, 471; Assistant Residencies and Residencies, 2,311

Name of Hospital	Location	Chief of Service	Residencies Approved	Inpatients Treated	Autopsies	First Year Residencies Offered [2]	Total Residencies Offered [2]	Length of Approved Program (Years)	Beginning Stipend (Month)
FEDERAL									
UNITED STATES ARMY									
Letterman Army Hospital [1]	San Francisco	E. A. Zimmermann	OBG	3,153	3	2	6	3	...
Fitzsimons Army Hospital [1]	Denver	J. H. Smith	OBG	2,936	2	2	6	3	...
Army Medical Center [1-3]	Washington, D. C.	H. L. Riva	OBG	3,377	1	3	9	3	...
William Beaumont Army Hospital	El Paso, Texas	S. L. Avner	OBG	4,320	1	2	2	3	...
Brooke Army Hospital [1-3]	San Antonio, Texas	J. W. Simpson	OBG	3,137	10	3	9	3	...
Tripler Army Hospital [1]	Honolulu, T. H.	E. B. Hopper	OBG	4,845	1	2	6	3	...
UNITED STATES NAVY									
U. S. Naval Hospital	Corona, Calif.	A. J. Pereyra	OBG	5,175	..	..	..	1	...
U. S. Naval Hospital [1-3]	Oakland, Calif.	R. W. Tandy, Sr.	OBG	4,194	..	6	9	3	...
U. S. Naval Hospital [1]	San Diego, Calif.	W. S. Baker, Jr.	OBG	5,948	45	4	9	3	...
U. S. Naval Hospital [1-3]	Great Lakes, Ill.	M. M. Rubin	OBG	3,406	..	2	4	3	...
U. S. Naval Hospital	Bethesda, Md.	H. H. Hill	OBG	3,477	..	3	6	3	...
U. S. Naval Hospital [1-3]	Chelsea, Mass.	M. A. Godinez	OBG	2,325	3	1	3	3	...
U. S. Naval Hospital	St. Albans, N. Y.	J. A. Pease	OBG	3,384	1	1	3	3	...
U. S. Naval Hospital [1-3]	Philadelphia	H. J. Hunter	OBG	2,787	..	2	4	3	...
U. S. Naval Hospital [1-3]	Portsmouth, Va.	D. A. Callagan	OBG	6,558	201	4	9	3	...
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE									
Freedmen's Hospital [1-3]	Washington, D. C.	J. W. Ross	OBG	4,201	9	2	6	3	218
NONFEDERAL									
Carraway Methodist Hospital [1-3]	Birmingham, Ala.	T. M. Boulware	OB	2,337	..	1	1	1	250
University of Alabama Medical Center University Hospital and Hillman Clinic [1-3]	Birmingham, Ala.	W. N. Jones	OBG	6,788	2	2	6	3	108
Lloyd Noland Hospital [1-3]	Fairfield, Ala.	O. T. West	OBG	1,641	2	1	3	3	225
Good Samaritan Hospital [1]	Phoenix, Ariz.	R. L. Moore	OBG	3,881	..	1	2	1	250
Maricopa County General Hospital [1-3]	Phoenix, Ariz.	P. Windrow	OBG	1,591	1	..	1	1	300
St. Joseph's Hospital [1-3]	Phoenix, Ariz.	R. Jennett	OBG	5,452	1	1	3	3	200
University Hospital [1]	Little Rock, Ark.	W. E. Brown	OBG	3,230	4	2	11	3	145
Herrick Memorial Hospital [1-3]	Berkeley, Calif.	T. R. Hofmann	OBG	2,835	2	1	2	1	175
San Joaquin General Hospital	French Camp, Calif.	D. Harrington	OBG	1,771	..	2	4	3	200
General Hospital of Fresno County	Fresno, Calif.	H. L. Tieche	OBG	2,913	2	1	3	3	300
Glendale Sanitarium and Hospital [1]	Glendale, Calif.	J. B. Brown	OBG	2,505	4	1	1	1	200
Seaside Memorial Hospital [1-3]	Long Beach, Calif.	L. R. Hill	OB	4,281	1	1	1	1	150
California Hospital [1-3]	Los Angeles	G. W. Hewitt-J. F. Nolan	OBG	3,964	14	4	10	3	150
Cedars of Lebanon Hospital [1-3]	Los Angeles	L. Krohn-G. Rosenblum	OBG	3,962	..	1	3	2	175
Hospital of the Good Samaritan [1-3]	Los Angeles	H. C. Alward	OBG	3,467	3	1	3	3	200
Kaiser Foundation Hospital	Los Angeles		OBG	.....	..	..	..	3	...
Los Angeles County Hospital [1]	Los Angeles	B. J. Hanley	OBG	22,789	42	4	14	3	246
Presbyterian Hospital-Olmsted Memorial [1-3]	Los Angeles	R. R. Herren-H. C. Gernand	OBG	3,229	..	2	5	3	200
Queen of Angels Hospital [1-3]	Los Angeles	A. M. McCarthy	OBG	6,521	6	2	6	3	175
University of California Medical Center	Los Angeles	D. G. Morton	OBG	542	2	2	7	3	259
White Memorial Hospital [1-3]	Los Angeles	H. F. Ziprick	OBG	2,532	5	2	4	3	151
Highland-Alameda County Hospital [1-3-41]	Oakland, Calif.	G. F. Calvin	OBG	3,517	8	2	5	3	195
Kaiser Foundation Hospital [1-3]	Oakland, Calif.	R. W. King	OBG	4,000	5	3	9	3	245
Collis P. and Howard Huntington Memorial Hospital [1-3]	Pasadena, Calif.	W. C. Rogers	OBG	3,012	..	1	1	1	250
Mercy Hospital [1]	San Diego, Calif.	P. L. Martin	OBG	7,347	1	2	5	3	200
San Diego County General Hospital [1-3]	San Diego, Calif.	J. A. Rust	OBG	1,254	2	1	2	2	150
Children's Hospital [1-3]	San Francisco	D. A. Dallas	OBG	2,785	1	2	4	3	...
Kaiser Foundation Hospital [1-3]	San Francisco	H. B. Nelson	OBG	3,308	5	2	6	3	175
Mary's Help Hospital	San Francisco	C. L. Cooley	OBG	2,556	..	1	2	2	200
St. Francis Memorial Hospital [1-3]	San Francisco	C. D. Hart	OBG	2,577	3	3	3	1	300
St. Joseph's Hospital [1-3]	San Francisco	H. Von Geldern	OBG	1,977	1	1	2	1	200
St. Luke's Hospital [1-3]	San Francisco	J. R. Upton	OBG	1,628	..	2	3	2	200
St. Mary's Hospital [1-3]	San Francisco	P. H. Arnot	OBG	1,913	1	1	3	3	...
San Francisco Hospital University of California Service [1-3]	San Francisco	E. B. King	OBG	1,528	..	2	3	1	195
Stanford University Affiliated Hospitals			OBG	.....	..	..	..	3	...
San Francisco Hospital-Stanford University Service [1-3]	San Francisco	K. Schaupp Jr.-P. Hoffmann	.....	1,654	..	1	3	..	195
Stanford University Hospital [1-3]	San Francisco	C. E. McLennan	.....	2,809	2	4	10	..	80
University of California Hospital [1-3]	San Francisco	H. F. Traut	OBG	2,151	3	3	9	3	200

Numerical and other references will be found on pages 387 through 390.

13. OBSTETRICS AND GYNECOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Residencies Approved	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
Santa Clara County Hospital [1-56]	San Jose, Calif.	J. C. Muir	OBG	1,848	10	5	5	3	200
St. John's Hospital	Santa Monica, Calif.	B. H. Watson	OBG	5,071	3	1	1	2	200
Harbor General Hospital [1-3]	Torrence, Calif.	D. G. Morton	OBG	3,097	5	2	6	3	246
Presbyterian Hospital [1-3]	Denver	M. C. Waddell	OBG	3,030	3	1	1	1	225
St. Joseph's Hospital [1-3]	Denver	G. W. Del Junco	OBG	3,474	1	1	3	3	200
University of Colorado Medical Center [1-46]									
Colorado General Hospital [1-3]	Denver	E. S. Taylor	OBG	1,972	8	3	9	3	160
Denver General Hospital [1-3]	Denver	N. P. Isbell	OBG	1,735	8	..	..	3	157
Bridgeport Hospital [1-3]	Bridgeport, Conn.	C. Griswold	OB	3,355	1	1	2	2	275
St. Vincent's Hospital [1-3]	Bridgeport, Conn.	F. Kinder	OB	3,792	1	2	4	2	300
Hartford Hospital [1-3]	Hartford, Conn.	L. F. Middlebrook	OBG	8,553	4	1	3	3	100
St. Francis Hospital [1-3]	Hartford, Conn.	F. X. Fagan	OBG	5,022	8	1	3	3	125
New Britain General Hospital [1-3]	New Britain, Conn.	D. A. Bristoll	OBG	3,042	..	1	3	3	200
Grace-New Haven Community Hospital [1-3]	New Haven, Conn.	C. L. Buxton- J. A. Fiorito	OBG	6,778	9	4	12	3	50
Hospital of St. Raphael [3]	New Haven, Conn.	C. E. Johnson	OBG	3,698	4	2	5	3	125
Lawrence and Memorial Associated Hospitals [1-3]	New London, Conn.	E. H. Blank	OBG	2,692	1	3	3	1	250
Norwalk Hospital [1-3]	Norwalk, Conn.	G. V. Gorham	OB	2,282	1	1	1	1	160
Delaware Hospital [1-3-77]	Wilmington, Del.	S. W. Rennie	OBG	4,555	3	1	2	2	180
Columbia Hospital for Women and Lying-in Asylum [1-3]	Washington, D. C.	D. H. Kushner	OBG	7,360	..	4	10	3	75
District of Columbia General Hospital [1-3]	Washington, D. C.	J. Parks-A. Marchetti	OBG	7,957	11	3	7	3	153
Doctors Hospital [1-3]	Washington, D. C.	J. K. Cromer	OBG	3,072	5	1	3	2	150
Garfield Memorial Hospital [1-3-102]	Washington, D. C.	W. Terrell, Jr.- H. Ramsey	OBG	3,972	6	2	6	3	210
Georgetown University Hospital	Washington, D. C.	A. A. Marchetti	OBG	4,553	3	3	7	3	100
George Washington University Hospital [1-3]	Washington, D. C.	J. Parks	OBG	6,127	31	2	5	3	150
Providence Hospital [1-3]	Washington, D. C.	G. Ellis	OBG	2,944	1	2	6	3	300
Sibley Memorial Hospital [1-3]	Washington, D. C.	M. Kaufman	OBG	3,498	..	4	5	2	200
Duval Medical Center [1-3]	Jacksonville, Fla.	D. M. Baldwin	OBG	2,359	8	1	3	3	150
St. Luke's Hospital [1-3]	Jacksonville, Fla.	J. C. Taylor	OBG	3,288	1	2	4	2	250
St. Vincent's Hospital [1-3]	Jacksonville, Fla.	E. F. McCall-V. Hughes	OBG	5,234	1	2	6	3	225
Jackson Memorial Hospital [1-3]	Miami, Fla.	J. H. Ferguson	OBG	6,796	7	3	9	3	75
Mount Sinai Hospital of Greater Miami [1-3]	Miami Beach, Fla.	H. Kraff	OBG	1,928	1	1	2	2	250
Orange Memorial Hospital [1-3]	Orlando, Fla.	F. M. Parish- C. J. Collins	OBG	3,910	1	2	2	2	150
Mound Park Hospital [1-3]	St. Petersburg, Fla.	E. Pollard	OBG	2,440	4	1	1	1	284
Tampa Municipal Hospital [1-3]	Tampa, Fla.	R. H. Douglas	OBG	2,573	29	1	3	3	250
Crawford W. Long Memorial Hospital [1-3]	Atlanta, Ga.	R. K. Hancock	OBG	8,135	1	5	9	3	110
Georgia Baptist Hospital [1]	Atlanta, Ga.	E. D. Colvin	OBG	4,930	1	3	6	3	200
Grady Memorial Hospital [1]	Atlanta, Ga.	W. L. Caton	OBG	8,084	1	5	15	3	30
Piedmont Hospital [1]	Atlanta, Ga.	C. B. Upshaw	OBG	2,102	..	1	3	1	285
St. Joseph's Infirmary [1-3]	Atlanta, Ga.	V. Skiles	OBG	2,696	1	2	3	2	165
University Hospital [1]	Augusta, Ga.	R. Torpin	OBG	4,144	..	7	17	3	200
Augustana Hospital [1-3]	Chicago	W. H. Browne	OB	1,257	..	2	2	1	150
Chicago Maternity Center [1-3-92]	Chicago	B. E. Tucker- H. B Benaron	OB	4,301	..	3	11	1	150
Cook County Hospital [1-3]	Chicago	A. Webster-F. Falls	OBG	24,075	21	8	18	3	75
Englewood Hospital [3]	Chicago	C. D. Krause	OB	1,596	..	1	1	1	200
Frank Cuneo Memorial Hospital [3]	Chicago	A. Daro-H. O. Maryan	OBG	2,272	2	..	2	1	150
Grant Hospital [1]	Chicago	W. J. Reich	OBG	2,124	2	1	3	2	225
Hospital of St. Anthony De Padua [1-3]	Chicago	J. J. Donlon	OB	1,491	..	2	2	1	250
Illinois Masonic Hospital [1-3]	Chicago	F. J. Rgos	OBG	2,975	..	1	1	1	115
Lewis Memorial Maternity Hospital [1-3-95]	Chicago	H. E. Schmitz	OBG	3,957	6	4	13	3	50
Lutheran Deaconess Home and Hospital [3]	Chicago	A. D. Green	OB	1,521	..	2	2	1	200
Mercy Hospital [1-3-98]	Chicago	H. E. Schmitz	OBG	2,163	11	1	4	3	100
Michael Reese Hospital [1-3-100]	Chicago	L. E. Frankenthal	OBG	4,715	2	2	6	3	75
Mount Sinai Hospital [1-3]	Chicago	H. M. Brill	OBG	3,285	9	2	4	3	100
Northwestern University Medical Center									
Chicago Wesley Memorial Hospital [1-3]	Chicago	G. H. Gardner	OBG	3,350	6	2	7	3	75
Passavant Memorial Hospital	Chicago	J. I. Brewer	OBG	2,238	2	2	4	3	50
Evanston Hospital [1-3]	Evanston, Ill.	D. N. Danforth	OBG	2,910	2	1	3	3	225
Presbyterian Hospital [1-96]	Chicago	E. Allen	OBG	2,888	1	3	7	3	125
Provident Hospital [1-3]	Chicago	R. C. Stepto- M. F Gleason	OBG	2,914	39	3	5	3	200
Ravenswood Hospital [1-3]	Chicago	J. Davis	OBG	2,010	3	2	2	1	100
St. Anne's Hospital [1-3]	Chicago	R. J. Hawkins	OB	4,634	..	6	6	1	250
St. Elizabeth Hospital [3]	Chicago	F. J. Walsh	OBG	3,613	..	3	3	2	200
St. Joseph Hospital [1-3]	Chicago	C. Geiger	OBG	1,842	1	1	3	3	300
St. Luke's Hospital [1-3]	Chicago	E. A. Edwards	OBG	2,586	1	2	6	3	75
Swedish Covenant Hospital [1-3]	Chicago	G. L. Rosene	OB	1,882	..	2	2	1	200
University of Chicago Clinics [1-3]	Chicago	M. E. Davis	OBG	5,655	10	14	23	3	200
Billings Hospital									
Chicago Lying-In Hospital & Dispensary									
University of Illinois Research and Educational Hospitals [1-3]	Chicago	W. F. Mengert	OBG	3,481	5	3	9	3	125
St. Francis Hospital [1]	Evanston, Ill.	J. M. Bailey	OBG	4,286	5	1	3	3	175
Little Company of Mary Hospital [1-3]	Evergreen Park, Ill.	P. E. Lawler- W. T. Carlisle	OBG	5,211	4	3	9	3	175
West Suburban Hospital [3]	Oak Park, Ill.	F. H. Falls	OBG	5,143	..	2	4	2	225
Methodist Hospital of Central Illinois [3]	Peoria, Ill.	R. W. Brandes	OB	2,847	..	2	2	1	200
St. Francis Hospital [1-3]	Peoria, Ill.	E. P. Burt	OBG	4,383	..	1	2	2	225
St. Anthony Hospital [1-3]	Rockford, Ill.	G. T. Burns	OBG	2,439	..	1	1	1	200
Indianapolis General Hospital [1-3]	Indianapolis	C. F. Gillespie	OBG	3,774	2	..	..	3	205
Indiana University Medical Center [1]	Indianapolis	C. P. Huiser	OBG	4,176	65	4	16	3	165
Methodist Hospital [1-3]	Indianapolis	J. H. Hawk	OBG	8,797	7	1	3	3	278
St. Vincent's Hospital [1-3]	Indianapolis	P. F. Muller	OBG	3,501	1	1	3	3	275
St. Elizabeth Hospital [1]	Lafayette, Ind.	F. W. Peyton	OBG	728	4	..	2	2	225
State University of Iowa Hospitals [1-3]	Iowa City	J. H. Randall	OBG	2,548	6	3	9	3	140
University of Kansas Medical Center [1-3]	Kansas City, Kan.	L. A. Calkins	OBG	2,820	3	2	7	3	125
St. Francis Hospital [1-3]	Wichita, Kan.	E. G. Anderson	OBG	5,221	3	1	3	1	275
Wesley Hospital [1-3]	Wichita, Kan.	E. G. Anderson	OBG	5,466	..	1	1	1	175
St. Joseph Hospital	Lexington, Ky.	J. B. Stith	OBG	1,605	1	1	1	1	230
Louisville General Hospital [1-3-135]	Louisville, Ky.	W. O. Johnson	OBG	3,948	4	3	9	3	105
St. Joseph Infirmary [1-3]	Louisville, Ky.	E. R. Cadden	OBG	3,967	5	1	3	3	210
Charity Hospital of Louisiana									
Independent Unit [1]	New Orleans	A. Jacobs	OBG	5,405	5	3	9	3	100
Louisiana State University Unit [1]	New Orleans	M. L. McCall	OBG	8,141	10	5	13	3	100
Tulane University Unit [1-445-446]	New Orleans	C. G. Collins	OBG	7,192	17	4	12	3	100
Hotel Dieu-Sisters Hospital [1]	New Orleans	M. J. St. Romain	OBG	4,049	..	2	2	1	225
Ochsner Foundation Hospital [1]	New Orleans	C. Tyrone	OBG	455	2	2	6	3	225
Southern Baptist Hospital [1-3]	New Orleans	D. W. Beacham	OBG	4,290	4	2	6	3	225

Numerical and other references will be found on pages 387 through 390.

13. OBSTETRICS AND GYNECOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Approved Residencies	Inpatients Treated	Autopsies	First Year Residencies Offered [2]	Total Residencies Offered [2]	Length of Approved Program (Years)	Beginning Stipend (Month)
Touro Infirmary [1]	New Orleans	W. E. Levy-C. G. Johnson	OBG	4,207	1	2	6	3	125
Confederate Memorial Medical Center [1]	Shreveport, La.	E. E. Dilworth	OBG	5,919	2	3	9	3	125
Baltimore City Hospitals [1-3]	Baltimore	P. Molumphy	OBG	6,729	1	5	16	3	50
Bon Secours Hospital [3]	Baltimore	H. B. McNally-E. Novak	OBG	3,436	3	2	5	3	285
Church Home and Hospital [1-3]	Baltimore	J. K. B. E. Seegar	OB	1,131	..	1	1	1	200
Franklin Square Hospital [1-3]	Baltimore	I. A. Siegel	OBG	1,249	..	2	6	3	225
Hospital for Women	Baltimore	J. F. Savage-L. Brady	OBG	5,112	2	2	11	3	220
Johns Hopkins Hospital [1-3]	Baltimore	N. J. Eastman-R. W. Te Linde	OBG	6,392	17	9	12	3	25
Lutheran Hospital [1-3]	Baltimore	W. N. Long, Jr.-W. K. Diehl	OBG	3,778	..	2	6	3	220
Maryland General Hospital [1-3]	Baltimore	D. M. Dixon-J. D. Woodruff	OBG	2,554	..	2	6	3	225
Mercy Hospital [1-3]	Baltimore	J. J. Erwin-F. K. Morris	OBG	3,868	5	2	5	3	275
Provident Hospital and Free Dispensary [1-3]	Baltimore	W. B. Butler	OB	1,532	1	1	2	1	150
St. Agnes Hospital [1]	Baltimore	H. B. McNally-T. S. Bowyer	OBG	2,520	7	2	4	3	125
St. Joseph's Hospital [3]	Baltimore	J. B. Boyle-G. A. Galvin	OBG	1,120	2	2	4	3	225
Sinai Hospital [1-3]	Baltimore	I. A. Siegel-A. Sondheimer	OBG	5,070	2	3	11	3	110
South Baltimore General Hospital [1-3]	Baltimore	J. H. Morrison	OB	757	..	3	6	2	180
Union Memorial Hospital [1-3]	Baltimore	J. M. Haws	OBG	2,062	..	1	3	3	215
University Hospital [1-3]	Baltimore	A. L. Haskins	OBG	4,708	5	5	14	3	75
Prince George's General Hospital [1-3]	Cheverly, Md.	J. F. Warren	OBG	3,201	..	3	3	1	200
Beth Israel Hospital [1-3]	Boston	H. L. Rosenfield	OB	2,652	..	3	4	2	42
Boston City Hospital [1-3]	Boston	B. Tenney, Jr.	OBG	5,447	5	9	19	3	112
Boston Lying-In Hospital [1-167]	Boston	D. E. Reid	OB	7,937	2	8	16	3	100
Carney Hospital-St. Margaret's Hospital [1-3]	Boston	R. J. Heffernan-D. J. McSweeney	OBG	8,414	1	4	10	3	150
Massachusetts Memorial Hospitals [1-3-179]	Boston	L. Parsons	OBG	1,772	4	2	6	3	50
New England Hospital [1-3]	Boston	M. A. Phillips	OB	1,136	..	2	3	2	75
St. Elizabeth's Hospital [1-3]	Boston	W. J. McDonald	OBG	4,801	4	2	6	3	125
Booth Memorial Hospital [1-3]	Brookline, Mass.	S. C. Kasdon	OB	638	..	2	2	1	200
Free Hospital for Women [1-3]	Brookline, Mass.	G. V. S. Smith	GYN	2,998	13	4	12	3	100
Cambridge City Hospital [1]	Cambridge, Mass.	P. P. McGovern	OBG	2,212	1	1	3	3	125
St. Anne's Hospital [3]	Fall River, Mass.	E. F. Shay	OBG	1,650	2	1	1	1	200
Quincy City Hospital [1-3]	Quincy, Mass.	L. H. vanRaalte	OBG	2,496	2	1	2	2	163
St. Joseph Mercy Hospital [1-3]	Ann Arbor, Mich.	W. Belser	OBG	2,387	3	2	4	3	250
University Hospital [1-3]	Ann Arbor, Mich.	N. F. Miller	OBG	4,057	56	3	12	3	154
Detroit Memorial Hospital [1]	Detroit	H. F. Jarvis	OBG	2,517	4	1	3	3	275
Evangelical Deaconess Hospital [1-3]	Detroit	L. Braun	OBG	2,502	1	3	3	1	...
Florence Crittenton Hospital [1-3]	Detroit	S. W. Trythall	OBG	3,816	1	2	6	3	250
Grace Hospital [1-3]	Detroit	O. W. Pickard	OBG	9,026	51	4	16	3	275
Harper Hospital [1-3-192]	Detroit	H. C. Mack	OBG	5,545	5	3	7	3	225
Henry Ford Hospital [1-3]	Detroit	C. P. Hodgkinson	OBG	3,675	8	2	8	3	225
Mount Carmel Mercy Hospital [1-3]	Detroit	J. W. Pichette	OBG	Incl. in Surg.		3	9	3	225
Providence Hospital [1]	Detroit	H. Henderson	OBG	4,925	6	2	5	3	275
St. John Hospital [1-3]	Detroit	J. P. Ottaway	OBG	4,991	1	1	3	1	275
St. Joseph Mercy Hospital	Detroit	J. E. Clifford	OBG	2,750	..	1	3	3	275
Sinai Hospital [1-3]	Detroit	L. Braun	OBG	3,140	3	2	4	2	275
Wayne University Affiliated Hospitals		.....	OBG	.....	..	..	..	3	...
Herman Kiefer Hospital [1-3]	Detroit	C. S. Stevenson	.....	5,868	2	2	4	..	279
Receiving Hospital [1-3]	Detroit	C. S. Stevenson	.....	715	12	3	7	..	200
Woman's Hospital [1-3]	Detroit	H. M. Nelson-C. Shelton	OBG	5,904	4	2	7	3	275
Hurley Hospital [1-3]	Flint, Mich.	I. H. Gutow	OBG	4,180	5	1	3	2	325
Blodgett Memorial Hospital [1-3]	Grand Rapids, Mich.	W. J. Jack	OBG	3,166	2	1	2	2	250
Butterworth Hospital [1-3]	Grand Rapids, Mich.	E. Y. Postma	OBG	9,010	28	2	5	3	225
St. Mary's Hospital [1-3]	Grand Rapids, Mich.	R. Nanzig	OBG	4,083	2	..	2	2	200
Highland Park General Hospital [1]	Highland Park, Mich.	R. Siddall	OBG	3,648	1	1	3	3	308
Pontiac General Hospital [1-3]	Pontiac, Mich.	H. A. Furlong	OBG	4,605	1	1	3	3	300
St. Joseph Mercy Hospital [1-3]	Pontiac, Mich.	F. Gaensbauer	OBG	5,375	1	2	6	3	325
Saginaw General Hospital [1-3]	Saginaw, Mich.	C. E. Toshach	OBG	2,922	1	1	3	3	325
Minneapolis General Hospital [1-3]	Minneapolis	W. P. Sadler	OBG	1,229	4	1	3	3	185
Northwestern Hospital [1-3]	Minneapolis	E. Ingalls	OBG	3,563	16	1	2	2	200
St. Barnabas Hospital [1-3]	Minneapolis	O. F. Robbins	OBG	3,481	2	2	2	2	235
St. Mary's Hospital [1-3]	Minneapolis	J. F. Shandorf	OBG	5,799	3	2	4	2	200
University of Minnesota Hospitals [1-3-217]	Minneapolis	J. L. McKelvey	OBG	1,364	8	2	7	3	185
Mayo Foundation [1]	Rochester, Minn.	L. M. Randall	OBG	3,986	15	3	12	3	150
Charles T. Miller Hospital [1-3]	St. Paul	A. F. Hayes	OBG	2,870	1	..	2	3	185
St. Joseph's Hospital [1-3]	St. Paul	J. W. Goldsmith	OBG	3,272	..	1	3	3	185
University Hospital	Jackson, Miss.	M. Newton	OBG	325	1	2	6	3	250
St. Louis County Hospital [1-3]	Clayton, Mo.	E. L. Dorsett	OBG	1,006	1	1	3	3	225
University Hospitals	Columbia, Mo.	C. D. Davis	OBG	158	1	1	3	3	250
Kansas City General Hospital No. 1 [1-3]	Kansas City, Mo.	J. G. Webster	OBG	1,764	2	1	4	3	150
Kansas City General Hospital No. 2 [1-3]	Kansas City, Mo.	H. L. Gainey	OBG	1,700	6	2	6	3	150
St. Joseph Hospital [1-3]	Kansas City, Mo.	G. L. Miller	OBG	2,301	..	1	3	2	250
St. Luke's Hospital [1-3]	Kansas City, Mo.	K. E. Cox	OBG	4,186	1	2	4	3	175
Barnes Hospital [1-3]	St. Louis	W. Allen	OBG	6,431	5	10	20	3	50
De Paul Hospital [1-3]	St. Louis	R. V. Boedeker	OBG	3,639	3	1	2	2	200
Homer G. Phillips Hospital [1-3]	St. Louis	S. M. Monat	OBG	6,481	9	3	12	3	190
Jewish Hospital [1-3-223]	St. Louis	H. C. Wasserman	OBG	2,750	1	..	3	2	100
Missouri Baptist Hospital [1-3]	St. Louis	J. B. O'Neil	OBG	2,178	2	2	4	1	175
St. John's Hospital [1-3]	St. Louis	M. W. Weis	OB	3,046	1	1	1	1	200
St. Louis City Hospital [1-3]	St. Louis	R. J. Crossen-L. Hartnett	OBG	2,556	5	4	8	3	190
St. Luke's Hospital [1-3]	St. Louis	G. J. L. Wulff, Jr.	OBG	2,160	1	..	2	3	250
St. Mary's Group of Hospitals [1-3-228]	St. Louis	J. A. Hardy, Jr.	OBG	8,366	4	5	11	3	100
Lincoln General Hospital [1-3]	Lincoln, Neb.	H. E. Harvey	OBG	1,332	1	1	1	1	250
St. Elizabeth Hospital [1-3]	Lincoln, Neb.	S. T. Thierstein	OBG	2,893	1	2	2	1	300
Bishop Clarkson Memorial Hospital [1-3]	Omaha	C. F. Moon	OBG	1,459	..	1	1	1	175
Creighton University Medical Center		M. E. Grier	OBG	.....	..	..	..	3	...
Creighton Memorial—St. Joseph's Hospital [1]	Omaha	.....	.....	3,954	3	1	4	..	175
St. Catherine's Hospital	Omaha	.....	.....	.....	..	..	..	..	...
Immanuel Hospital [1-3]	Omaha	L. J. Olson	OBG	1,775	..	1	1	1	175
University of Nebraska Hospital [1-3-225-229]	Omaha	R. G. Holly	OBG	1,342	4	2	6	3	175
Cooper Hospital [1-3]	Camden, N. J.	G. B. German-H. P. Shipps	OBG	5,277	8	3	4	3	200
Hackensack Hospital [1-3]	Hackensack, N. J.	R. C. Schretzmann	OB	3,023	..	2	2	1	150
Jersey City Medical Center [1-3]	Jersey City, N. J.	E. N. Brookrajian	GYN	1,044	1	2	5	2	92
Margaret Hague Maternity Hospital [1-3]	Jersey City, N. J.	J. P. Donnelly	OB	11,294	85	..	20	3	67
Monmouth Memorial Hospital [1-3]	Long Branch, N. J.	W. Shanik	OB	2,001	..	2	2	1	200

Numerical and other references will be found on pages 387 through 390.

13. OBSTETRICS AND GYNECOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Residencies Approved	Inpatients Treated	Autopsies	First Year Residencies Offered [4]	Total Residencies Offered [4]	Length of Approved Program (Years)	Beginning Stipend (Month)
Harrison S. Martland Medical Center [1-3]	Newark, N. J.	J. Pannullo-A. J. Gordon	OBG	3,126	3	2	6	3	162
Newark Beth Israel Hospital [1-3]	Newark, N. J.	O. Glass	OBG	5,477	7	1	3	3	100
St. Michael's Hospital [1-3]	Newark, N. J.	G. W. Hayes-O. Glass	OBG	4,205	3	2	4	2	150
Passaic General Hospital [3]	Passaic, N. J.	W. M. Sullivan	OBG	3,458	4	2	2	1	250
Paterson General Hospital [1-3]	Paterson, N. J.	L. E. Thron-P. Rauschenbach	OB	2,795	..	1	1	1	150
Holy Name Hospital [3]	Teaneck, N. J.	J. W. Prather	OB	2,547	..	1	1	1	200
St. Francis Hospital [1-3]	Trenton, N. J.	J. M. Harmon	OBG	5,278	38	1	2	2	210
Albany Hospital [1-3]	Albany, N. Y.	T. O. Gamble-A. Wallingford	OBG	4,772	6	2	5	3	160
A. N. Brady Hospital [1-247]	Albany, N. Y.	J. G. Hayes	OB	3,382	..	2	3	2	200
Beth El Hospital [1-3]	Brooklyn, N. Y.	W. Levine	OBG	4,881	..	3	7	3	125
Brooklyn Hospital [1-3]	Brooklyn, N. Y.	J. T. Wallace	OBG	2,809	1	1	4	3	165
Brooklyn Women's Hospital [1-3]	Brooklyn, N. Y.	J. Halperin	OBG	2,562	..	4	4	1	125
Coney Island Hospital [1-3]	Brooklyn, N. Y.	M. G. Der Brucke	OBG	1,459	..	..	..	2	105
Cumberland Hospital [1-3]	Brooklyn, N. Y.	C. H. Loughran	OBG	2,680	3	2	6	3	105
Greenpoint Hospital [1-3]	Brooklyn, N. Y.	W. C. Meagher	OBG	2,475	2	2	6	2	105
Jewish Hospital [1-3]	Brooklyn, N. Y.	F. Moskowitz-I. Dalchman	OBG	7,275	1	2	8	3	100
Kings County Hospital University Service [1]	Brooklyn, N. Y.	L. M. Hellman	OBG	10,276	31	8	20	3	71
Long Island College Hospital [1-3]	Brooklyn, N. Y.	W. T. Daily	OBG	3,260	3	2	5	3	150
Maimonides Hospital [1-3]	Brooklyn, N. Y.	E. Solomons	OBG	5,086	2	2	8	3	75
Methodist Hospital [1-3]	Brooklyn, N. Y.	S. Hall, Sr.-H. Acken, Jr.	OBG	3,922	..	2	8	3	175
Norwegian Lutheran Deaconesses Home and Hospital [1-3]	Brooklyn, N. Y.	A. S. MacGregor	OBG	2,795	..	1	3	3	185
St. Catherine's Hospital [1-3]	Brooklyn, N. Y.	W. Meagher	OBG	2,346	..	1	5	3	150
St. John's Episcopal Hospital [1-3]	Brooklyn, N. Y.	C. W. Mueller	OBG	2,505	1	1	3	3	175
St. Mary's Hospital [1]	Brooklyn, N. Y.	A. A. Schenone	OBG	2,681	1	1	3	3	200
Unity Hospital [1-3]	Brooklyn, N. Y.	M. M. Berlind	OBG	2,585	2	2	4	2	125
Wyckoff Heights Hospital [1-3]	Brooklyn, N. Y.	F. W. Benschine	OBG	2,054	1	1	3	1	100
Allied Hospitals of the Sisters of Charity [1-3]	Buffalo	E. G. Winkler	OBG	6,025	1	2	8	3	230
Emergency Hospital	Buffalo	.....	.....	.....	..	..	..	..	...
Sisters of Charity Hospital	Buffalo	.....	.....	.....	..	..	..	..	...
Buffalo General Hospital [1-3-258]	Buffalo	C. L. Randall	OBG	3,534	2	3	9	3	175
Deaconess Hospital [1-3]	Buffalo	H. Burwig	OBG	3,491	5	2	6	3	300
Edward J. Meyer Memorial Hospital [1]	Buffalo	E. G. Winkler	OBG	2 315	5	2	5	3	248
Millard Fillmore Hospital	Buffalo	L. F. McLean	OBG	6,820	..	2	8	3	285
Mary Imogene Bassett Hospital [1-3]	Cooperstown, N. Y.	O. J. Severud	OBG	671	..	1	2	3	145
Elmhurst General Hospital [1-3-458]	Elmhurst, N. Y.	M. Rashbaum-R. J. Lowrie	OBG	2,346	20	1	5	3	105
Flushing Hospital and Dispensary [1-3-268]	Flushing, N. Y.	E. Veprovsky	OBG	5,127	3	1	3	3	175
Meadowbrook Hospital	Hempstead, N. Y.	G. T. Lilly	OBG	2,054	15	1	4	3	225
Jamaica Hospital [1-3]	Jamaica, N. Y.	M. P. Bates	OBG	3,336	..	1	2	2	200
Mary Immaculate Hospital [1-3]	Jamaica, N. Y.	J. V. Rizzi	OB	2,483	..	1	1	1	100
Queens General Hospital [1-3]	Jamaica, N. Y.	E. C. Veprovsky	OBG	2,745	11	1	3	3	105
Charles S. Wilson Memorial Hospital [1-3]	Johnson City, N. Y.	S. Nagyfy	OBG	3,093	4	1	3	3	225
North Shore Hospital [1-3]	Manhasset, N. Y.	W. F. Finn	OBG	1,716	3	2	4	3	200
Nassau Hospital [3]	Mineola, N. Y.	A. Wright	OBG	3,925	2	1	3	3	225
Mount Vernon Hospital	Mount Vernon, N. Y.	N. M. Weinrod	OBG	2,504	19	1	1	3	...
Long Island Jewish Hospital [1-3]	New Hyde Park, N. Y.	A. H. Rosenthal	OBG	2,258	1	1	3	3	75
Bellevue Hospital Center Div. III—New York University College of Medicine [1-3]	New York City	W. E. Studdiford	OBG	4,523	10	10	16	3	105
Beth David Hospital [1-3]	New York City	M. Speiser	OBG	1,751	1	1	2	2	125
Beth Israel Hospital [1-3-256]	New York City	H. C. Falk	OBG	3,470	..	2	8	3	140
Bronx Hospital [1-3]	New York City	A. C. Posner-A. J. Fleischer	OBG	3,708	..	2	6	3	60
Bronx Municipal Hospital Center	New York City	M. Glass	OBG	....	..	8	16	3	105
Fordham Hospital [1-3]	New York City	M. L. Brandt	OBG	2,220	..	2	4	3	105
Francis Delafield Hospital [1-3]	New York City	H. C. Taylor, Jr.	GYN	260	28	..	5	1	105
French Hospital [1-3]	New York City	C. E. Heaton-H. C. Falk	OBG	1,993	2	2	4	3	90
Harlem Hospital [1-3]	New York City	A. C. Posner-M. Bobrow	OBG	6,976	15	2	6	3	105
Hospital for Joint Diseases [1-3]	New York City	E. L. Hecht	GYN	275	1	..	1	1	80
Jewish Memorial Hospital [1-3]	New York City	M. J. Goodfriend	OBG	2,441	..	1	1	1	150
Lenox Hill Hospital [1-3]	New York City	L. O'Donnell-J. C. Kilroe	OBG	3,040	1	1	3	3	180
Lincoln Hospital [1-3]	New York City	W. H. Godsick	OBG	4,173	4	3	7	3	105
Misericordia Hospital [1-3]	New York City	J. A. Kelly	OB	1,422	1	1	2	2	125
Morrisania City Hospital [1-3]	New York City	M. Goodfriend	OBG	2,180	13	1	4	3	105
Mount Sinai Hospital [1-3]	New York City	A. Guttmacher	OBG	7,191	4	13	19	3	50
New York Hospital [1-3]	New York City	R. G. Douglas	OBG	7,041	13	5	20	3	116.67
New York Infirmary [2-3]	New York City	I. Widenius-I. Knowlton	OBG	1,522	..	2	4	3	150
New York Medical College—Metropolitan Medical Center Flower and Fifth Avenue Hospitals [1-3]	New York City	M. L. Stone	OBG	3,206	2	1	3	3	...
Metropolitan Hospital [1-3]	New York City	M. L. Stone	OBG	3,849	17	3	9	3	105
New York Polyclinic Medical School and Hospital [1-3]	New York City	E. H. Dennen-D. N. Barrows	OBG	1,952	1	2	4	3	100
New York University—Bellevue Medical Center University Hospital	New York City	W. Studdiford	GYN	714	1	2	2	2	85
Presbyterian Hospital [1] (Sloan Hospital for Women)	New York City	H. C. Taylor, Jr.	OBG	7,195	13	6	21	3	250
Roosevelt Hospital [1-3]	New York City	T. C. Peightal	GYN	923	2	1	3	2	133
St. Claire's Hospital [1-3-295]	New York City	M. J. Jordan	OBG	2,186	2	2	6	3	200
St. Francis Hospital [1-3]	New York City	J. S. Labate	OBG	....	..	1	3	3	125
St. Vincent's Hospital [1-3]	New York City	B. J. Pisani	OBG	3,832	3	2	6	3	125
Sydenham Hospital [1-3]	New York City	P. M. Murray	OBG	2,352	1	1	3	3	105
Woman's Hospital [3]	New York City	A. H. Aldridge	OBG	6,009	3	4	14	3	100
United Hospital [1-3]	Port Chester, N. Y.	C. N. Jeffries	OB	1,806	..	1	1	1	200
Genesee Hospital [1-3-209]	Rochester, N. Y.	A. J. Tatelbaum	OBG	3,126	5	2	4	3	150
Highland Hospital [1-3]	Rochester, N. Y.	F. Fumia	OBG	2,323	..	1	3	3	175
Rochester General Hospital [1-3]	Rochester, N. Y.	J. W. Cooney-J. C. Potter	OBG	3,529	2	1	3	3	125
St. Mary's Hospital [1-3]	Rochester, N. Y.	H. I. Norton	OBG	4,125	1	1	4	3	200
Strong Memorial—Rochester Municipal Hospital [1-3]	Rochester, N. Y.	C. J. Lund	OBG	4,227	6	4	8	3	92
Ellis Hospital [1-3]	Schenectady, N. Y.	W. Mallia-W. Jameson, Sr.	OBG	2,945	2	2	2	2	150
General Hospital	Syracuse, N. Y.	R. J. Pieri	OBG	2,635	4	1	4	2	192

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13. OBSTETRICS AND GYNECOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Residencies Approved	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
St. Joseph's Hospital [1-3]	Syracuse, N. Y.	L. Fournier	OBG	3,505	5	1	2	1	191
State University of New York Upstate Medical Center Hospitals [1-3]	Syracuse, N. Y.	C. Clark—E. C. Hughes	OBG	10,005	60	4	12	3	192
North Carolina Memorial Hospital [1-3]	Chapel Hill, N. C.	R. A. Ross	OBG	1,160	1	3	6	3	156
Charlotte Memorial Hospital [1]	Charlotte, N. C.	T. W. Huey	OBG	3,632	1	1	3	2	250
Duke University Hospital [1-3-328]	Durham, N. C.	B. Carter	OBG	2,841	5	4	10	3	102
Lincoln Hospital [1-3]	Durham, N. C.	L. R. Swift	OBG	968	..	1	1	1	175
Watts Hospital [1-3]	Durham, N. C.	R. L. Pearse	OBG	2,379	..	1	2	1	175
Rex Hospital [1]	Raleigh, N. C.	P. J. McElrath	OBG	3,196	2	1	2	2	200
St. Agnes Hospital [1]	Raleigh, N. C.	G. H. Brannaman	OBG	1,065	..	1	1	1	250
City Memorial Hospital [1]	Winston-Salem, N. C.	L. C. Ogburn	OBG	2,991	..	1	1	1	300
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	F. R. Lock	OBG	3,040	1	2	5	3	125
St. Luke's Hospital	Fargo, N. Dak.	G. W. Hunter	OBG	1,869	4	1	1	3	300
Akron City Hospital [1-3]	Akron, Ohio	A. M. Weil	OBG	1,808	3	2	7	3	250
Akron General Hospital [1-328]	Akron, Ohio	N. E. Wentsler	OBG	4,520	2	3	6	3	250
Aultman Hospital [1-3]	Canton, Ohio	J. M. Scott	OBG	4,833	2	3	6	2	275
Mercy Hospital [1-3]	Canton, Ohio	J. J. Karam	OBG	3,981	1	4	6	2	200
Bethesda Hospital [1-3]	Cincinnati	R. D. Bryant—E. E. Rhoads	OBG	4,856	1	2	5	3	200
Cincinnati General Hospital [1-3]	Cincinnati	S. T. Garber—L. J. Bossert	OBG	5,160	6	4	8	3	50
City Hospital [1-3]	Cleveland	A. E. Bennett	OBG	4,080	3	3	12	3	150
Cleveland Clinic Hospital [1-3]	Cleveland	J. S. Kreier—H. P. Taylor	OBG	1,280	..	2	8	3	175
Evangelical Deaconess Hospital [1-3]	Cleveland	J. E. Morgan	OBG	2,955	3	1	3	3	150
Fairview Park Hospital [1-3]	Cleveland	E. D. Richards	OBG	2,664	..	3	3	2	250
Huron Road Hospital [1-3]	Cleveland	S. E. Burkhart	OBG	4,141	1	2	6	3	210
Lutheran Hospital [1-3]	Cleveland	R. S. Dial	OB	2,234	..	1	2	1	250
Mount Sinai Hospital [1-3]	Cleveland	L. H. Biskind	OBG	5,026	2	2	6	3	215
St. Alexis Hospital [1-3]	Cleveland	J. E. Slivka	OB	1,317	..	2	2	1	250
St. Ann Hospital [1-3]	Cleveland	M. B. Laven	OB	3,475	1	4	4	1	300
St. John's Hospital [1-3]	Cleveland	J. V. Helmann—R. P. Dreyer	OBG	2,821	..	2	5	2	170
St. Luke's Hospital [1-3]	Cleveland	G. B. Hurd	OBG	4,825	2	1	4	3	120
University Hospitals [1-3]	Cleveland	A. C. Barnes	OBG	6,324	7	3	12	3	125
Mount Carmel Hospital [1]	Columbus	R. F. Daly—P. J. Reel	OBG	4,926	7	2	6	2	275
Ohio State University Hospitals University Hospital [1-3]	Columbus	J. C. Ullery	OBG	6,325	14	3	12	3	152
White Cross Hospital [1-3-341]	Columbus	R. M. Inglis	OBG	5,701	2	2	3	3	275
St. Ann's Hospital for Women	Columbus	Z. J. R. Hollenbeck	.. ..	5,000	9	2	8	..	275
Good Samaritan Hospital [1-3]	Dayton, Ohio	J. B. Smith	OBG	5,831	..	2	4	3	250
Miami Valley Hospital [1-3]	Dayton, Ohio	W. K. Gregg	OB	5,410	3	1	1	1	250
Marymount Hospital [1-3]	Garfield Heights, Ohio	A. H. Dindia	OBG	2,515	..	2	2	1	200
Lakewood Hospital [1-3]	Lakewood, Ohio	B. Wylie	OBG	3,737	2	2	3	1	200
Lima Memorial Hospital [1-3]	Lima, Ohio	M. A. Mulvania	OBG	2,664	2	1	3	2	275
St. Rita's Hospital [1-3]	Lima, Ohio	V. A. Noble	OB	2,231	..	1	2	2	275
Maumee Valley Hospital [1-3]	Toledo, Ohio	H. A. Burstein	OB	788	..	1	1	1	210
Mercy Hospital [1-3]	Toledo, Ohio	R. C. King	OBG	4,868	2	1	3	3	275
St. Vincent's Hospital [1-3]	Toledo, Ohio	M. W. Diethelm	OBG	4,038	7	2	4	3	275
Toledo Hospital [1-3]	Toledo, Ohio	O. E. Todd	OBG	4,093	1	1	3	3	200
St. Elizabeth Hospital [1]	Youngstown, Ohio	P. L. Boyle	OBG	3,027	2	1	3	2	300
St. Anthony Hospital	Oklahoma City	G. Rogers	OBG	5,409	2	1	3	3	150
University of Oklahoma Hospitals			OBG	....	..	..	..	3	...
University Hospital [1-3]	Oklahoma City	M. Serwer—J. Kelso	.....	3,066	..	2	6	..	85
Wesley Hospital [1]	Oklahoma City	J. W. Records	.....	3,184	3	1	1	..	225
St. John's Hospital [1-3]	Tulsa, Okla.	E. M. Stokes	OBG	6,016	4	2	8	2	175
Emanuel Hospital [1-3-357]	Portland, Ore.	R. Neilson	OBG	8,074	15	2	6	3	275
St. Vincent's Hospital [1-3]	Portland, Ore.	D. Baker	OB	2,547	..	1	1	1	275
University of Oregon Medical School Hospitals and Clinics	Portland, Ore.	R. C. Benson	OBG	1,795	7	1	3	3	100
Abington Memorial Hospital [1-3]	Abington, Pa.	R. D. Porter—C. M. Turman	OBG	3,684	..	1	3	3	150
Allentown Hospital [1-3]	Allentown, Pa.	F. C. Schaeffer	OBG	3,943	28	1	3	3	225
St. Luke's Hospital [1]	Bethlehem, Pa.	F. J. Pearson	OBG	2,805	1	2	2	2	275
Bryn Mawr Hospital [1-3]	Bryn Mawr, Pa.	J. L. Richards	OBG	3,222	2	1	1	1	200
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	R. E. Nicodemus	OBG	1,682	1	2	2	2	175
Thomas M. Fitzgerald Mercy Hospital [1-3]	Darby, Pa.	J. V. Missett, Jr.	OBG	4,692	..	2	4	2	200
Harrisburg Hospital [1-3]	Harrisburg, Pa.	W. P. Dailey	OBG	4,495	1	1	3	3	250
Albert Einstein Medical Center Northern Division [1-3]	Philadelphia	G. Weinstein	OBG	4,411	1	1	3	3	150
Southern Division [1]	Philadelphia	A. First	OBG	2,651	1	1	3	3	150
Chestnut Hill Hospital [1]	Philadelphia	Z. B. Newton	OBG	1,910	2	1	2	2	250
Episcopal Hospital [1-3]	Philadelphia	J. H. Dazzer	OBG	3,187	1	1	3	3	150
Frankford Hospital [1-3]	Philadelphia	G. C. Hanna, Jr.	OBG	3,018	2	1	2	2	250
Germantown Dispensary and Hospital [1-3]	Philadelphia	Z. B. Newton	OBG	2,623	1	1	3	3	150
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	R. A. Kimbrough	GYN	555	2	1	2	2	...
Hahnemann Medical College and Hospital [3]	Philadelphia	N. F. Paxson-B. V. McFadyen	OBG	3,060	4	2	6	3	75
Hospital of the University of Pennsylvania [1-3]	Philadelphia	C. Bachman-F. L. Payne	OBG	5,855	9	5	15	3	...
Hospital of the Woman's Medical College of Pennsylvania [1-3]	Philadelphia	A. G. Taylor-M. D. Pettit	OBG	2,509	1	2	5	3	110
Jefferson Medical College Hospital [1-3]	Philadelphia	T. Montgomery-J. Montgomery	OBG	5,282	9	3	12	3	25
Lankenau Hospital [1-3]	Philadelphia	R. B. Wilson	OB	1,238	..	1	1	2	100
Methodist Episcopal Hospital [1-3]	Philadelphia	R. W. Mohler	OBG	1,069	1	1	3	3	150
Misericordia Hospital	Philadelphia	J. E. Lynch	OBG	3,248	1	1	2	3	250
Pennsylvania Hospital [1-3]	Philadelphia	R. A. Kimbrough	OBG	5,588	4	8	8	3	20
Philadelphia General Hospital [1-3]	Philadelphia	M. D. Pettit	OBG	7,083	24	8	8	3	114
Philadelphia General Hospital-Northern Division [1-3]	Philadelphia	E. S. Waugh	OB	1,834	1	2	2	1	112
Presbyterian Hospital [1-3-372]	Philadelphia	R. C. McElroy	OBG	2,139	..	2	2	3	150
Temple University Hospital [1-3]	Philadelphia	J. R. Willson	OBG	4,919	4	..	..	3	...
Woman's Hospital [1-3]	Philadelphia	A. G. Taylor-H. M. Angelucci	OBG	2,621	..	2	4	3	175
Mercy Hospital [1-3]	Pittsburgh	R. A. D. Gillis-G. J. Carlin	OBG	3,377	..	1	3	3	175
Montefiore Hospital [1-3]	Pittsburgh	H. Cohen	OB	1,748	1	1	1	1	225
Pittsburgh Hospital [1-3]	Pittsburgh	E. A. Conti	OBG	2,502	1	1	2	2	300
Pittsburgh Medical Center Elizabeth Steel Magee Hospital [1-3]	Pittsburgh	H. A. Power-J. A. Hepp	OBG	10,089	11	4	12	3	125
St. Francis General Hospital and Rehabilitation Institute [1]	Pittsburgh	J. H. Carroll-J. A. Hepp	OBG	3,031	2	2	4	3	200
St. Margaret Memorial Hospital [1-3]	Pittsburgh	R. E. Tafel	OBG	1,534	2	..	1	2	300

Numerical and other references will be found on pages 387 through 390.

13. OBSTETRICS AND GYNECOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Residencies Approved	Inpatients Treated	Autopsies	First Year Residencies Offered [5]	Total Residencies Offered [5]	Length of Approved Program (Years)	Beginning Stipend (Month)
South Side Hospital	Pittsburgh	J. Hodgkiss-J. A. New..	OBG	2,406	2	1	3	2	300
Western Pennsylvania Hospital [1-3]	Pittsburgh	A. C. Williamson	OB	2,198	4	1	1	1	225
Reading Hospital [1-3]	Reading, Pa.	F. B. Nugent	GYN	1,131	2	1	1	1	225
Providence Lying-In Hospital [1-3]	Providence, R. I.	C. S. Houston	OB	9,283	43	2	2	1	125
Rhode Island Hospital [1-3]	Providence, R. I.	H. C. McDuff, Jr.	GYN	1,148	5	1	2	2	100
Roper Hospital [1-3]	Charleston, S. C.	L. L. Hester	OBG	3,592	2	3	7	3	138
Columbia Hospital of Richland County	Columbia, S. C.	H. M. Black	OBG	3,654	2	1	3	3	175
McLeod Infirmary	Florence, S. C.	R. F. Zeigler	OB	1,723	1	1	1	1	...
Greenville General Hospital [1-3]	Greenville, S. C.	J. D. Parker	OBG	5,092	4	1	3	3	200
Baroness Erlanger Hospital [1-3]	Chattanooga, Tenn.	R. G. Demos	OBG	4,438	4	2	6	3	150
Memorial Hospital [1-3]	Chattanooga, Tenn.	A. H. Bullard	OBG	2,316	2	1	1	1	250
Knoxville General Hospital	Knoxville, Tenn.	F. N. Bankston	OBG	2,176	1	1	2	2	...
Baptist Memorial Hospital [1-3-389]	Memphis, Tenn.	H. B. Turner	OBG	5,998	3	1	3	3	150
City of Memphis Hospitals [1-3]	Memphis, Tenn.	P. C. Schreier	OBG	10,539	18	4	11	3	100
St. Joseph Hospital [1-3-389]	Memphis, Tenn.	H. Feinstein	OBG	3,862	7	2	4	3	150
Baptist Hospital [1-3]	Nashville, Tenn.	S. Bayer	OBG	5,005	1	1	4	3	175
George W. Hubbard Hospital [1-3]	Nashville, Tenn.	W. F. B. James	OB	1,567	1	2	5	3	150
Nashville General Hospital [1-3]	Nashville, Tenn.	S. C. Reichman	OBG	1,584	1	2	5	3	150
St. Thomas Hospital [1-3]	Nashville, Tenn.	R. W. Parker	OBG	2,398	..	1	3	2	200
Vanderbilt University Hospital [1-3]	Nashville, Tenn.	F. E. Whitacre	OBG	2,131	1	3	12	3	50
Brackenridge Hospital [1-3]	Austin, Texas	M. Turner	OBG	2,051	6	..	1	1	250
Baylor University Hospital [1-3]	Dallas, Texas	W. K. Strother, Jr.	OBG	10,172	..	3	7	3	100
Methodist Hospital [1-3-398]	Dallas, Texas	P. D. Newell	OBG	5,250	..	2	4	3	125
Parkland Memorial Hospital [1-3]	Dallas, Texas	J. A. Pritchard	OBG	5,142	2	4	10	3	50
St. Paul's Hospital [1-3]	Dallas, Texas	O. V. Prejean	OBG	6,297	3	1	3	3	125
Hotel Dieu-Sisters Hospital [3]	El Paso, Texas	R. J. Cardwell	OBG	1,764	1	1	2	2	150
Harris Hospital [1-3]	Fort Worth, Texas	J. W. Garnett	OBG	6,106	..	1	2	1	300
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	G. L. Jarvis	OBG	2,559	..	3	9	3	160
Baylor University College of Medicine Affiliated Hospitals									
Jefferson Davis Hospital [1-3]	Houston, Texas	H. W. Johnson	OBG	5,428	3	3	9	3	75
Methodist Hospital [1-3]	Houston, Texas	H. P. Arnold-J. A. Wall	OBG	3,239	1	1	3	3	220
Hermann Hospital [1-3]	Houston, Texas	T. G. Gready, Jr.-A. Faris	OBG	8,393	5	2	6	3	100
St. Josephs Hospital [1-3-404]	Houston, Texas	R. A. Johnston	OBG	7,788	2	2	6	3	150
University of Texas M. D. Anderson Hospital and Tumor Institute [1-3-403]	Houston, Texas	F. Rutledge	GYN	541	6	..	6	1	150
Baptist Memorial Hospital [1-3]	San Antonio, Texas	H. C. Sweet	OBG	5,506	3	1	3	2	150
Robert B. Green Memorial Hospital [1-3]	San Antonio, Texas	G. G. Passmore	OBG	4,009	1	1	4	3	150
Thomas D. Dee Memorial Hospital [1-3]	Ogden, Utah	V. L. Ward	OBG	3,154	1	3	9	3	275
Dr. W. H. Groves Latter-Day Saints Hospital [3]	Salt Lake City	M. S. Sanders	OBG	6,571	..	2	5	2	200
Holy Cross Hospital [1-3-408]	Salt Lake City	W. J. Jones	OBG	3,136	1	1	3	3	175
Salt Lake County General Hospital	Salt Lake City	E. G. Holmstrom	OBG	936	1	..	3	3	175
University of Vermont Affiliated Hospitals			OBG	....	..	..	..	3	...
De Goesbriand Memorial Hospital [1-3]	Burlington, Vt.	W. Slavin	.....	1,427	1	1	3	..	100
Mary Fletcher Hospital [1-3-181]	Burlington, Vt.	J. V. S. Maeck	.....	1,700	1	1	4	..	100
Alexandria Hospital [1-3]	Alexandria, Va.	H. Picot	OBG	3,972	3	2	2	1	200
Arlington Hospital [1-3]	Arlington, Va.	J. B. Jacobs	OBG	2,740	2	1	1	1	150
University of Virginia Hospital [1-3]	Charlottesville, Va.	W. N. Thornton, Jr.	OBG	3,019	1	2	8	3	50
Lynchburg General Hospital [1-3]	Lynchburg, Va.	C. H. Lippard	OB	2,081	1	1	1	1	200
Riverside Hospital [1-3]	Newport News, Va.	W. L. Davis	OBG	2,824	2	2	2	1	250
De Paul Hospital [1-3]	Norfolk, Va.	J. R. Kight	OBG	2,291	1	1	3	3	200
Norfolk General Hospital [1-3]	Norfolk, Va.	B. D. Jones-R. B. Nicholls	OBG	4,148	2	2	4	3	185
Johnston-Willis Hospital [1-3]	Richmond, Va.	E. Rucker	OB	1,767	..	1	1	1	250
Medical College of Virginia-Hospital Division [1-3-421]	Richmond, Va.	H. H. Ware Jr.-R. H. Hoge	OBG	8,526	4	4	14	3	50
Doctors Hospital [1-3]	Seattle	W. S. Keifer, Jr.	OBG	2,740	1	1	2	1	250
King County Hospital Unit No. 1 (Harborview) [1]	Seattle	R. R. De Alvarez	OBG	1,761	9	2	4	3	125
Providence Hospital [1-3]	Seattle	J. Codling	OB	2,805	..	1	1	1	200
Swedish Hospital [1-3]	Seattle	G. F. Thomas	OBG	4,321	..	2	4	2	150
Virginia Mason Hospital [1-3]	Seattle	R. N. Rutherford	OB	3,093	17	1	1	1	150
Sacred Heart Hospital	Spokane	R. L. Rotchford	OBG	5,048	3	1	1	1	250
St. Luke's Hospital [1-3]	Spokane, Wash.	D. W. Robinson	OBG	1,489	..	1	1	1	225
Memorial Hospital [1-3]	Charleston, W. Va.	J. L. Crites	OBG	2,197	..	2	2	1	225
Madison General Hospital [1-3]	Madison, Wis.	W. V. Leutke	OBG	2,576	2	1	1	1	150
University Hospitals [1-3-425]	Madison, Wis.	B. Peckman	OBG	898	19	2	6	3	175
Columbia Hospital [1-3]	Milwaukee	L. T. Servis	OB	1,554	..	1	1	1	195
Milwaukee County Hospital [1-3]	Milwaukee	B. E. Urdan	OBG	2,575	12	2	6	3	207
Milwaukee Hospital [1-3-431]	Milwaukee	L. H. Verch	OBG	4,618	25	1	4	2	195
Mount Sinai Hospital [1-3]	Milwaukee	B. E. Urdan	OBG	3,447	3	1	2	2	300
St. Joseph's Hospital [1-3]	Milwaukee	G. S. Kilkenney	OBG	7,072	1	2	6	3	300
St. Luke's Hospital [1-3]	Milwaukee	R. Flynn	OBG	715	5	2	3	1	275
St. Mary's Hospital [428]	Milwaukee	J. D. Owen-D. Werner..	OBG	2,964	3	1	3	2	225
Gorgas Hospital [1]	Ancon, C. Z.	I. J. Strumpf	OBG	2,017	4	1	3	3	345
Kapiolani Maternity and Gynecological Hospital—St. Francis Hospital	Honolulu, T. H.	K. S. Tom-J. T. S. Wong	OBG	7,372	2	1	4	3	100
Queen's Hospital [1]	Honolulu, T. H.	R. Sakimoto	OBG	3,701	1	2	5	2	150
Bayamon District Hospital [1-3]	Bayamon, P. R.	E. Arandes	OBG	2,425	4	..	1	1	150
San Juan City Hospital [1-3]	San Juan, P. R.	M. Fernandez Fuster....	OBG	5,199	6	2	6	3	150

14. OPHTHALMOLOGY

Residency programs in the following hospitals have been approved by the Council and the American Board of Ophthalmology through the Residency Review Committee for Ophthalmology, as offering acceptable training in the specialty.

Hospitals, 156; Assistant Residencies and Residencies, 611

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Outpatient Visits	First Year Residencies Offered [5]	Total Residencies Offered [5]	Length of Approved Program (Years)	Beginning Stipend (Month)
UNITED STATES ARMY								
Letterman Army Hospital [1]	San Francisco	R. R. Kelley	334	.....	2	6	3	...
Army Medical Center [1-3]	Washington, D. C.	W. L. Spaulding	731	28,329	2	6	3	...
Brooke Army Hospital [1-3]	San Antonio, Texas	K. E. Hudson	414	15,390	2	6	3	...

Numerical and other references will be found on pages 387 through 390.

14. OPHTHALMOLOGY—Continued

Name of Hospital	Location	Chief of Service	Inpatients Treated	Outpatients Visits	First Year Residencies Offered[6]	Total Residencies Offered[6]	Length of Approved Program (Years)	Beginning Stipend (Month)
FEDERAL								
UNITED STATES NAVY								
U. S. Naval Hospital [1-8]	Oakland, Calif.	K. J. Palmberg	304	4,373	1	1	3	...
U. S. Naval Hospital [1]	San Diego, Calif.	V. A. Beuerman	516	9,379	2	4	3	...
U. S. Naval Hospital	Bethesda, Md.	S. J. Ryan	...	5,802	1	3	3	...
U. S. Naval Hospital	St. Albans, N. Y.	A. C. Hohn	142	6,106	1	2	2	...
U. S. Naval Hospital [1-8]	Philadelphia	W. L. Smith	169	6,020	1	3	3	...
UNITED STATES PUBLIC HEALTH SERVICE								
U. S. Public Health Service Hospital [1-4]	New Orleans	J. B. Peebles, Jr.	143	3,449	1	3	3	...
U. S. Public Health Service Hospital [1-8-137]	Baltimore	W. P. Griffey	11b	3,816	..	3	3	...
U. S. Public Health Service Hospital [1-8]	Staten Island, N. Y.	J. B. Peebles	622	7,912	1	3	3	...
DEPARTMENT OF HEALTH, EDUCATION AND WELFARE								
Freedmen's Hospital [1-8]	Washington, D. C.	C. Cowan	61	2,289	1	1	3	218
VETERANS ADMINISTRATION								
Veterans Admin. Hospital	Birmingham, Ala.	(See University of Alabama Medical Center)						
Veterans Admin. Hospital [452]	Tuskegee, Ala.	H. G. Dwiggins	162	984	1	3	3	...
Veterans Admin. Hospital [1-3]	Long Beach, Calif.	G. C. Struble	201	2,560	1	3	3	...
Veterans Admin. Hospital [1-8-27]	Los Angeles	C. S. Mumma	474	4,098	..	2	3	...
Veterans Admin. Hospital [1]	San Francisco	M. Fine—D. O. Harrington	167	1,992	1	3	3	...
Veterans Admin. Hospital [1-8]	Atlanta, Ga.	F. P. Calhoun, Jr.	143	.....	2	2	3	...
Veterans Admin. Research Hospital [1]	Chicago	(See Northwestern University Medical Center)						
Veterans Admin. Hospital [1]	Hines, Ill.	W. A. Mann	370	.....	1	3	2	...
Veterans Admin. Hospital [1-3]	Wadsworth, Kan.	A. W. McAlester, III	87	850	1	2	3	...
Veterans Admin. Hospital [1-8]	Louisville, Ky.	(See University of Louisville Medical Center)						
Veterans Admin. Hospital [1-8-142]	New Orleans	J. H. Allen	143	688	1	3	3	...
Veterans Admin. Hospital [1-8]	Fort Howard, Md.	H. A. Naquin	86	134	..	1	3	...
Veterans Admin. Hospital [1-8-193]	Dearborn, Mich	A. D. Ruedeman	104	732	..	1	3	...
Veterans Admin. Hospital [1-8-208]	Minneapolis	E. W. Hansen	132	109	2	3	3	...
Veterans Admin. Hospital [1-8]	St. Louis	H. D. Rosenbaum	216	1,748	1	3	3	...
Veterans Admin. Hospital [1-8]	Brooklyn, N. Y.	M. A. Lasky	241	1	1	2	2	...
Veterans Admin. Hospital [1-3]	New York City (Bronx)	S. Fox	309	.....	1	3	3	...
Veterans Admin. Hospital [1-8]	New York City (Manhattan)	G. M. Breinin	118	730	1	3	3	...
Veterans Admin. Hospital [1-8]	Cleveland	J. E. L. Keyes	325	1,625	1	2	2	...
Veterans Admin. Hospital [1]	Pittsburgh	R. N. Lehman	154	.....	2	6	3	...
Veterans Admin. Hospital [1-8]	Memphis, Tenn.	A. C. Krause	830	9	1	1	3	...
Veterans Admin. Hospital [1-8-397-398]	Dallas, Texas	S. B. Gostin	194	.....	..	2	3	...
Veterans Admin. Hospital [1-8]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)						
Veterans Admin. Hospital [1-8]	Richmond, Va.	E. W. Perkins	418	2,617	1	3	3	...
Veterans Admin. Hospital [1-8-485]	Milwaukee (Wood)	R. H. Lehman	281	3,811	..	4	3	...
NONFEDERAL								
University of Alabama Medical Center								
University Hospital and Hillman Clinic [1-8]	Birmingham, Ala.	W. K. Livingston	1,177	7,820	..	4	2	108
Veterans Admin. Hospital	Birmingham, Ala.	T. O. Paul	422	.....	..	1	2	...
Arkansas Baptist Hospital	Little Rock, Ark.	R. C. Cook	546	.....	1	1	2	250
General Hospital of Fresno County [1-8]	Fresno, Calif.	R. A. Donald	171	1	1	2	2	300
Los Angeles County Hospital [1]	Los Angeles	W. J. Endres	1,129	27,370	3	4	2	246
Los Angeles Eye and Ear Hospital [1-8]	Los Angeles	O. H. Ellis	202	4,206	2	6	2	150
University of California Medical Center	Los Angeles	S. R. Irvine	...	.....	1	3	3	250
White Memorial Hospital [1-8]	Los Angeles	S. Brownelberger	214	8,006	1	2	3	141
Highland-Alameda County Hospital [1-8]	Oakland, Calif.	M. E. Gump	164	3,290	1	1	3	195
San Diego County General Hospital [1-8]	San Diego, Calif.	J. S. Tuttle	56	3,598	1	1	2	150
Stanford University Hospitals [1-8]	San Francisco	D. K. Pischel	797	7,727	2	6	3	80
University of California Hospital [1-8]	San Francisco	F. C. Cordes	379	.....	2	5	3	200
Harbor General Hospital [1-8]	Torrance, Calif.	S. R. Irvine	195	6,614	1	2	2	246
University of Colorado Medical Center [463]								
Colorado General Hospital [1-8]	Denver	J. C. Long	145	9,200	1	3	3	160
Denver General Hospital [1-8]	Denver	G. A. Filmer	77	.....	..	..	3	167
Grace-New Haven Community Hospital [1-8]	New Haven, Conn.	R. M. Fasanella	392	6,764	1	3	3	50
District of Columbia General Hospital [1-8]	Washington, D. C.	E. Cummings-R. Cox	164	6,031	1	2	2	153
Episcopal Eye, Ear and Throat Hospital [8-462]	Washington, D. C.	H. R. Downey	1,709	32,917	2	6	3	150
Jackson Memorial Hospital [1-8]	Miami, Fla.	K. S. Whitmer	549	3,856	1	3	3	75
Grady Memorial Hospital [1]	Atlanta, Ga.	F. P. Calhoun, Jr.	551	19,151	2	6	3	20
Chicago Eye, Ear, Nose and Throat								
College and Hospital [1-8]	Chicago	O. B. Nugent	465	13,248	2	3	2	166
Cook County Hospital [1-8]	Chicago	T. N. Zekman	645	12,453	3	6	2	75
Illinois Eye and Ear Infirmary [1-8]	Chicago	(See University of Illinois Hospitals)						
Michael Reese Hospital [1-8]	Chicago	T. M. Shapira	916	5,552	2	4	2	75
Northwestern University Medical Center			...	.....	..	..	3	...
Chicago Wesley Memorial Hospital [1-8]	Chicago	W. A. Mann	371	.....	1	2	..	75
Passavant Memorial Hospital	Chicago	D. Vail	508	.....	1	3	..	50
Veterans Admin. Research Hospital [1]	Chicago	D. Vail	88	.....	2	2	..	...
Presbyterian Hospital [1-114]	Chicago	W. F. Hughes, Jr.	296	5,188	2	3	2	125
St. Luke's Hospital [1-8]	Chicago	E. H. Merz	275	.....	1	2	2	75
University of Chicago Clinics [1-8]	Chicago	F. W. Newell	346	7,740	1	3	3	200
University of Illinois Hospitals			...	.....	..	..	3	...
Illinois Eye and Ear Infirmary [1-8-94]	Chicago	W. F. Hughes, Jr.	1,676	56,484	9	19	..	123
Research and Educational Hospitals [1-8-120]	Chicago	W. F. Hughes, Jr.	117	8,976	1	2	..	125
Indiana University Medical Center and Affiliated Hospitals								
Indianapolis General Hospital [1-8]	Indianapolis	M. Bartley	247	9,922	..	..	2	205
Indiana University Medical Center Hospital [1-126]	Indianapolis	F. M. Wilson	282	6,988	3	12	3	165
State University of Iowa Hospitals [1-8]	Iowa City	A. E. Braley	1,474	4 800	2	6	3	140
University of Kansas Medical Center [1-8]	Kansas City, Kan.	A. Lemoine	595	4,525	1	3	3	125
University of Louisville Medical Center								
Louisville General Hospital [1-8]	Louisville, Ky.	C. D. Townes	134	6,756	..	2	2	105
Veterans Admin. Hospital [1-8]	Louisville, Ky.	C. D. Townes	572	698	1	2	2	...
Charity Hospital of Louisiana								
Independent Unit [1]	New Orleans	J. H. Larose	121	3,358	1	3	3	100
Louisiana State University Unit [1]	New Orleans	G. M. Haik	635	6,566	2	4	3	100
Tulane University Unit [1]	New Orleans	J. H. Allen	587	5,886	..	4	3	100
Eye, Ear, Nose and Throat Hospital [1-8]	New Orleans	W. B. Clark	1,388	14,655	..	10	3	125
Baltimore Eye, Ear, Nose and Throat Hospital	Baltimore	H. C. Dix	1,005	12,218	1	3	3	150
Johns Hopkins Hospital [1-8]	Baltimore	A. E. Maumenee	1,871	17,063	5	6	3	25
University Hospital [1-8]	Baltimore	.....	11	1,921	1	2	2	75
Massachusetts Eye and Ear Infirmary [1-8-165]	Boston	E. B. Dunphy	3,982	41,383	5	11	3	42
Massachusetts Memorial Hospitals [1-8]	Boston	T. Gunderson	258	5,012	1	2	2	50
University Hospital [1-8]	Ann Arbor, Mich.	F. B. Fralick	752	14,396	5	15	3	154
Harper Hospital [1-8]	Detroit	A. D. Ruedemann	1,488	.....	1	3	3	225

Numerical and other references will be found on pages 387 through 390.

14. OPHTHALMOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Outpatient Visits	First Year Residencies Offered [5]	Total Residencies Offered [5]	Length of Approved Program (Years)	Beginning Stipend (Month)
Henry Ford Hospital [1-3]	Detroit	J. Guyton	650	19,400	4	12	3	225
Receiving Hospital [1-3-261]	Detroit	A. D. Ruedemann	639	.....	1	13	3	100
Minneapolis General Hospital [1-3]	Minneapolis	K. E. Sandt	117	3,845	1	2	3	185
University of Minnesota Hospitals [1-3-215]	Minneapolis	E. W. Hansen	165	6,191	1	5	3	185
Mayo Foundation [1]	Rochester, Minn.	C. W. Rucker	900	37,000	7	16	3	150
Charles T. Miller Hospital [1-3]	St. Paul, Minn.	A. F. Adair	580	2,867	1	2	3	185
University Hospital [1]	Jackson, Miss.	.....	.....	.....	..	2	3	250
Kansas City General Hospital No. 1 [1-3]	Kansas City, Mo.	J. R. Rufe	135	3,454	1	2	2	150
Barnes Hospital [1-3]	St. Louis	B. Becker	1,800	21,414	4	12	3	50
Homer G. Phillips Hospital [1-3]	St. Louis	B. Becker	145	.....	2	6	3	100
St. Louis City Hospital [1-3]	St. Louis	D. Bisno	166	6,004	2	3	3	100
St. Mary's Group of Hospitals [1-3]	St. Louis	R. D. Mattis	252	6,311	1	3	3	100
University of Nebraska Hospital [1-3]	Omaha	J. H. Judd	152	3,306	1	2	3	175
Jersey City Medical Center [1-3]	Jersey City, N. J.	F. X. Brophy	446	.....	1	3	3	92
Newark Eye and Ear Infirmary [1-3]	Newark, N. J.	L. W. Hughes	1,222	.....	2	2	2	125
Brooklyn Eye and Ear Hospital [1-3]	Brooklyn, N. Y.	W. V. Moore	3,149	42,612	3	6	2	100
Jewish Hospital [1-3]	Brooklyn, N. Y.	M. Lasky	213	3,373	2	3	2	100
Kings County Hospital University Service [1]	Brooklyn, N. Y.	R. Troutman	358	13,209	2	4	3	104
Long Island College Hospital [1-3]	Brooklyn, N. Y.	A. S. Rosenberg	81	3,972	1	1	2	150
Buffalo General Hospital [1-3]	Buffalo	L. J. Koenig	396	2,008	1	1	2	200
Edward J. Meyer Memorial Hospital [1]	Buffalo	W. Y. Jones	107	1,981	1	3	3	248
Elmhurst General Hospital [1-3-458]	Elmhurst, N. Y.	W. R. Loewe	112	4,412	1	2	2	165
Queens General Hospital [1-3]	Jamaica, N. Y.	T. D'Angelo	168	3,837	1	2	2	165
Bellevue Hospital Center Div. IV—New York University Post-Graduate Medical School [1-3-282]	New York City	A. DeVoe	450	17,698	4	10	3	165
Bronx Eye and Ear Infirmary	New York City	N. Gould-S. Epstein	906	15,470	1	2	2	100
Goldwater Memorial Hospital [1-3]	New York City	C. Fox	1,888	228	2	3	2	104
Lenox Hill Hospital [1-3]	New York City	B. F. Payne	373	4,388	1	2	3	180
Manhattan Eye, Ear and Throat Hospital [1-3]	New York City	R. T. Paton	2,829	52,264	5	10	2	...
Montefiore Hospital [1-3]	New York City	S. Gartner	155	4,190	1	2	2	75
Mount Sinai Hospital [1-3]	New York City	J. Laval	272	9,651	1	2	2	50
New York Eye and Ear Infirmary [1-3]	New York City	B. F. Payne	6,481	59,136	6	18	3	50
New York Hospital [1-3]	New York City	J. M. McLean	606	10,884	2	5	3	116.67
New York Polyclinic Medical School and Hospital [1-3]	New York City	H. H. Romaine	135	1	1	3	2	100
Presbyterian Hospital [1]	New York City	J. H. Dunnington	2,897	28,857	3	9	3	250
St. Luke's Hospital [1-3]	New York City	W. G. Frey	301	5,920	1	2	2	100
St. Mary's Hospital [1-3]	Rochester, N. Y.	C. Sullivan	417	846	1	1	2	200
Strong Memorial-Rochester Municipal Hospital [1-3]	Rochester, N. Y	J. F. Gipner	422	2,844	1	2	3	92
State University of New York Upstate Medical Center Hospitals [1-3]	Syracuse, N. Y.	F. R. Webster	640	3,447	1	3	2	192
Grasslands Hospital [1-3]	Valhalla, N. Y.	C. Wood	102	4,583	1	3	3	175
North Carolina Memorial Hospital [1-3]	Chapel Hill, N. C.	S. D. McPherson, Jr.	86	2,533	..	2	3	150
Duke University Hospital [1-3-322]	Durham, N. C.	W. B. Anderson	542	4,165	2	6	3	127
McPherson Hospital [1-3]	Durham, N. C.	S. D. McPherson	663	20,345	1	3	3	150
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	R. W. Roberts	214	1,770	1	3	3	125
Cincinnati General Hospital [1-3]	Cincinnati	D. J. Lyle	250	7,192	1	4	2	40
City Hospital [1-3]	Cleveland	R. J. Nicholl	141	6,395	1	3	2	150
Cleveland Clinic Hospital [1-3]	Cleveland	R. J. Kennedy	417	17,403	2	6	3	175
University Hospitals [1-3]	Cleveland	L. V. Johnson	869	7,337	1	3	2	125
Ohio State University Hospitals University Hospital [1-3-345]	Columbus, Ohio	W. H. Havener	390	9,205	4	10	3	152
University of Oklahoma Hospitals [1-3]	Oklahoma City	J. R. Reed	352	3,808	1	3	2	85
University of Oregon Medical School Hospitals and Clinics [360]	Portland, Ore.	K. C. Swan	184	10,956	2	6	3	100
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	A. L. Rhoades	171	4,370	1	2	2	185
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	I. Leopold	959	2,094	3	5	3	...
Hospital of the University of Pennsylvania [1-3]	Philadelphia	F. H. Adler	705	5,890	3	9	3	30
Jefferson Medical College Hospital [1-3]	Philadelphia	A. E. Town	230	4,554	..	2	3	50
Philadelphia General Hospital [1-3]	Philadelphia	T. H. Cowan	207	.....	2	2	3	114
Temple University Hospital [1-3]	Philadelphia	G. G. Gibson	255	3,108	..	..	3	...
Wills Eye Hospital [1-3]	Philadelphia	.....	4,547	80,247	7	14	2	...
Montefiore Hospital [1-3]	Pittsburgh	H. Thorpe	583	2,781	1	3	3	225
Pittsburgh Medical Center Eye and Ear Hospital [1-3]	Pittsburgh	M. F. McCaslin	2,545	10,756	3	6	3	1[illegible]
Roper Hospital [1-3]	Charleston, S. C.	P. G. Jenkins	227	.....	1	3	2	138
City of Memphis Hospitals—Memphis Eye, Ear, Nose and Throat Hospital [1-3]	Memphis, Tenn.	P. M. Lewis	1,926	5,077	1	5	2	100
Parkland Memorial Hospital [1-3]	Dallas, Texas	C. W. Browning	285	4,108	1	3	2	50
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	G. Robertson	351	6,589	..	4	2	100
Baylor University College of Medicine Affiliated Hospitals Jefferson Davis Hospital [1-3]	Houston, Texas	E. L. Goar	28	9,658	..	2	2	75
Veterans Admin. Hospital	Houston, Texas	E. L. Goar	297	.....	1	3	3	...
Scott and White Memorial Hospitals [1-3]	Temple, Texas	E. R. Veirs	214	3,215	1	1	2	250
University of Virginia Hospital [1-3]	Charlottesville, Va	E. W. Burton	375	2,984	2	4	3	50
Medical College of Virginia-Hospital Division [1-3]	Richmond, Va	D. Guerry, III	353	7,041	1	3	3	50
Gill Memorial Eye, Ear and Throat Hospital	Roanoke, Va	E. G. Gill	2,010	24,038	1	1	3	300
King County Hospital Unit No. 1 (Harborview) [1-422]	Seattle	R. C. Laughlin	115	.....	..	1	2	145
University Hospitals [1-3]	Madison, Wis	P. Duehr	525	4,182	2	4	3	175
Milwaukee County Hospital [1-3]	Milwaukee	E. F. Carl	256	9,398	2	4	2	207
Gorgas Hospital [1]	Ancon, Canal Zone	R. H. Rupp	164	8,483	1	1	3	345
San Juan City Hospital [1-3]	San Juan, P. R	G. Pico	216	.....	1	2	2	150

Residency programs in the following hospitals have been approved by the Council and the American Board of Ophthalmology through the Residency Review Committee for Ophthalmology, as offering training of ONE year's duration. It should be noted that beginning July 1, 1957 only those hospitals which either intramurally or through affiliation are able to provide at least two years of clinical training in the specialty, will continue to be approved. These residency programs will be reviewed prior to July 1, 1957 relative to their qualifying for continued approval.

Hospitals, 11; Assistant Residencies and Residencies, 22

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Outpatient Visits	First Year Residencies Offered [5]	Total Residencies Offered [5]	Beginning Stipend Offered [5]
Provident Hospital [1-3]	Chicago	W. M. Jones	36	4,084	1	1	200
Woodlawn Hospital [1]	Chicago	F. M. Whitsell	501	4,380	1	1	200

Numerical and other references will be found on pages 387 through 390.

14. OPHTHALMOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Outpatient Visits	First Year Residencies Offered [8]	Total Residencies Offered [8]	Beginning Stipend Offered [8]
Evanston Hospital [1-3]	Evanston, Ill.	G. R. Soper	141	.....	1	1	225
Touro Infirmary [1]	New Orleans	A. L. Braunstein	79	1,952	1	3	125
Boston City Hospital [1-3]	Boston	D. R. Alpert	499	21,742	..	7	132
Beth Israel Hospital [1-3]	New York City	M. L. Berliner	140	2,888	1	1	140
Harlem Eye and Ear Hospital [1-3]	New York City	P. Muller	690	13,284	1	3	75
New York Medical College-Metropolitan Medical Center Metropolitan Hospital [1-3]	New York City	C. A. Turtz	119	.....	2	2	105
Sea View Hospital [1-3]	Staten Island, N. Y.	S. L. Saltzman	1,743	.....	1	1	157
St. Luke's Hospital [1-3]	Cleveland	M. W. Jacoby	422	2,769	..	1	120
Robert Packer Hospital [1-3]	Sayre, Pa.	E. Kulczycki	194	.....	..	1	200

15. ORTHOPEDIC SURGERY

Type of training acceptable to Board: A—Adult orthopedics; C—Children's orthopedics; F—Fractures. Residency programs in the following hospitals have been approved by the Council and the American Board of Orthopedic Surgery, through the Residency Review Committee for Orthopedic Surgery, as offering acceptable training in adult orthopedics, children's orthopedics, and fractures. Training in the basic sciences is given either as an integral part of these services or as a separate course. Services collaborating in an integral plan of training are designated by a program number, a list of which is found on pages 349 and 350.
Residents completing their training in these hospitals are eligible for full certification by the American Board of Orthopedic Surgery, including children's orthopedic surgery.

Hospitals, 224; Assistant Residencies and Residencies, 883

FEDERAL

Name of Hospital	Location	Chief of Service	Type of Training	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Program Identification	Beginning Stipend (Month)
UNITED STATES ARMY									
Army Medical Center [1-3]	Washington, D. C.	M. S. Thompson	ACF	1,084	2	3	9	..	...
Brooke Army Hospital [1-3]	San Antonio, Texas	J. W. Batch	ACF	1,422	6	3	9	..	...
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE									
Freedmen's Hospital [1-3]	Washington, D. C.	J. R. Gladden	ACF	381	2	..	1	..	218
VETERANS ADMINISTRATION									
Veterans Admin. Hospital [1-3]	Birmingham, Ala	(See University of Alabama Medical Center)							
Veterans Admin. Hospital [1-3]	Long Beach, Calif	R. H. Hall	AF	491	2	1	3	64	...
Veterans Admin. Hospital [1]	San Francisco	L. C. Abbott- D. E. King	AF	254	3	1	3	2,3	...
Veterans Admin. Research Hospital [1]	Chicago	(See Northwestern University Medical Center)							
Veterans Admin. Hospital	Hines, Ill.	H. A. Sofield	AF	1,320	9	5	10	50	...
Veterans Admin. Hospital [1]	Indianapolis	(See University of Indiana Medical Center)							
Veterans Admin. Hospital [1]	Des Moines, Iowa	D. N. Gibson	AF	912	10	1	3	55	...
Veterans Admin. Hospital [1-3]	Wadsworth, Kan.	R. L. Diveley	AF	211	4	2	4	18	...
Veterans Admin. Hospital [1-3]	Louisville, Ky.	J. Lyford, III	AF	1,691	2	1	4	9	...
Veterans Admin. Hospital [1-3]	New Orleans	R. H. Alldredge	AF	349	4	1	3	10	...
Veterans Admin. Hospital [1-3]	Boston (Jamaica Plain)	J. S. Barr	AF	1,024	..	..	4	13	...
Veterans Admin. Hospital [1-3]	Minneapolis	E. T. Evans	AF	628	7	5	6	16	...
Veterans Admin. Hospital [1-22]	Kansas City, Mo.	R. L. Diveley	AF	246	..	1	2	18	...
Veterans Admin. Hospital [1-3]	Lincoln, Neb.	J. E. M. Thomson	AF	557	2	1	3	33	...
Veterans Admin. Hospital [1-3]	Brooklyn, N. Y.	S. Chessid	AF	398	5	1	3	52	...
Veterans Admin. Hospital [1-3]	Buffalo	W. M. Chardack	AF	573	1	..	2	24	...
Veterans Admin. Hospital [1-3]	New York City (Bronx)	T. C. Thompson	AF	655	4	1	4	22	...
Veterans Admin. Hospital [1-3]	Durham, N. C.	E. S. Whitesides	AF	555	4	1	2	19	...
Veterans Admin. Hospital [1-3]	Cleveland	W. H. McGaw	AF	587	..	2	5	27	...
Veterans Admin. Hospital [1]	Oklahoma City	W. K. West	AF	498	2	..	1	53	...
Veterans Admin. Hospital [3]	Columbia, S. C.	J. T. Green	AF	283	2	1	3	45	...
Veterans Admin. Hospital [1-3]	Memphis, Tenn.	D. M. Street	AF	1,778	3	1	8	1	...
Veterans Admin. Hospital [1-3]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)							
Veterans Admin. Hospital	Salt Lake City	J. A. Gubler	A	350	3	..	1	34	...
Veterans Admin. Hospital [1-3]	Richmond, Va.	R. D. Butterworth	AF	972	1	1	4	35	...
Veterans Admin. Hospital	Seattle	J. T. Payne	A	197	2	..	..	36	...
Veterans Admin. Hospital [1-3]	Milwaukee (Wood)	P. L. Carnesale	AF	1,165	11	2	5	40	...

NONFEDERAL

University of Alabama Medical Center University Hospital and Hillman Clinic [1-3]	Birmingham, Ala.	J. D. Sherrill Sr.	ACF	1,586	6	2	7	44	108
Veterans Admin. Hospital [1-3]	Birmingham, Ala.	M. A. Accinno	AF	314	3	..	2	44	...
Lloyd Noland Hospital [1-3]	Fairfield, Ala.	C. L. Yelton	AF	887	..	1	3	68	225
Mobile County Hospital [1-3]	Mobile, Ala.	W. C. Hannon	ACF	446	1	1	1	..	250
Arkansas Children's Hospital [1]	Little Rock, Ark	R. Rowen	C	384	..	1	1	1	...
Children's Hospital	Los Angeles	S. S. Matthews	C	628	..	..	2	64	150
Los Angeles County Hospital [1-29]	Los Angeles	G. M. Taylor	ACF	4,028	31	5	14	..	246
Orthopaedic Hospital [21]	Los Angeles	J. V. Luck	ACF	2,753	..	4	5	..	200
University of California Medical Center	Los Angeles	P. McMaster	ACF	.....	..	1	3	..	250
Children's Hospital of the East Bay [1-3]	Oakland, Calif.	E. N. Ewer	C	.....	..	..	..	2	...
Highland-Alameda County Hospital [1-3]	Oakland, Calif.	L. Barnard	AF	741	2	1	2	3	195
Samuel Merritt Hospital [1]	Oakland, Calif.	E. G. Ewer	AF	1,396	3	1	2	2	195
Children's Hospital [1-3]	San Francisco	L. J. Larsen	C	324	..	..	2	2	175
Franklin Hospital [1-3]	San Francisco	F. C. Bost	A	1,020	4	3	3	2	200
San Francisco Hospital Stanford Service [1-3]	San Francisco	F. J. Cox	AF	823	1	..	1	3	195
University of California Service [1-3]	San Francisco	E. R. Schottstaedt	AF	975	..	..	1	2	195
Shriners Hospital for Crippled Children	San Francisco	F. C. Bost	C	200	..	..	2	2	...
Stanford University Hospitals [1-3]	San Francisco	D. E. King	AC	1,295	..	1	3	3	80
University of California Hospital [1-3]	San Francisco	L. C. Abbott	A	281	..	1	3	2	191
Harbor General Hospital	Torrence, Calif.	S. S. Haft- W. G. Rhorer	AF	784	3	1	3	65	246
Children's Hospital [1-3]	Denver	I. E. Hendryson	C	748	..	..	2	4	150
University of Colorado Medical Center [468] Colorado General Hospital [1-3]	Denver	A. Thomas	AF	299	2	1	3	4	160
Denver General Hospital [1-3]	Denver	J. Miles	AF	584	14	..	..	4	157
Hartford Hospital	Hartford, Conn.	.....	AF	.....	..	..	..	5	100
Grace-New Haven Community Hospital [1-3]	New Haven, Conn.	C. O. Bechtol	AF	959	9	..	3	5	50
Hospital of St. Raphael [3]	New Haven, Conn.	W. H. Perham	AF	587	3	2	6	43	125
Newington Home and Hospital for Crippled Children [3]	Newington, Conn.	B. H. Curtis	C	454	..	4	4	5	200

Numerical and other references will be found on pages 387 through 390.

15. ORTHOPEDIC SURGERY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Type of Training	Inpatients Treated	Autopsies	First Year Residencies Offered [4]	Total Residencies Offered [4]	Program Identification	Beginning Stipend Offered [4]
Alfred I. Du Pont Institute of the Nemours Foundation [1-3]	Wilmington, Del.	A. R. Shands, Jr.	C	276	..	2	2	19, 20	150
Central Dispensary and Emergency Hospital [1-3-462]	Washington, D. C.	F. M. Hand- J. Neviaser	AF	1,223	4	..	..	54	...
District of Columbia General Hospital [1-3]	Washington, D. C.	M. C. Cobey- J. Neviaser	ACF	937	3	3	5	54	153
Jackson Memorial Hospital [1-3]	Miami, Fla.	A. H. Weiland	ACF	1,875	12	2	6	..	75
Orange Memorial Hospital	Orlando, Fla.	N. C. McCollough	ACF	714	..	..	..	..	150
American Legion Hospital for Crippled Children	St. Petersburg, Fla.	R. C. Lonergan	C	650	1	..	1	7	150
Grady Memorial Hospital [1]	Atlanta, Ga.	R. P. Kelly	ACF	882	..	3	9	39	20
University Hospital [1]	Augusta, Ga.	J. L. Chandler	ACF	677	2	..	6	..	200
Emory University Hospital	Emory University, Ga.	R. P. Kelly	A	751	..	..	3	39	240
Cook County Hospital [1-3]	Chicago	F. N. Shapiro	ACF	786	4	1	4	..	75
Michael Reese Hospital [1-3]	Chicago	S. Sideman	ACF	1,066	3	1	3	42	75
Northwestern University Medical Center									
Chicago Wesley Memorial Hospital [1-3]	Chicago	E. L. Compere	ACF	1,676	3	1	3	7	75
Passavant Memorial Hospital	Chicago	E. Hauser	A	780	2	1	1	7	50
Veterans Admin. Research Hospital [1]	Chicago	E. L. Compere	AF	188	1	..	1	7	...
Evanston Hospital [1-3]	Evanston, Ill.	V. Turner	AF	823	4	1	1	7	225
St. Elizabeth Hospital [3]	Chicago	C. S. Scuderi	F	951	..	1	2	42	200
St. Luke's Hospital [1-3]	Chicago	C. N. Lambert	AF	564	5	2	2	47	75
Shriners Hospitals for Crippled Children [3]	Chicago	H. A. Sofield	C	263	..	3	3	50	...
University of Chicago Clinics [1-3]	Chicago	C. H. Hatcher	ACF	823	4	2	5	..	200
University of Illinois Research and Educational Hospitals [1-3-113]	Chicago	R. D. Ray	ACF	859	3	2	6	47	125
St. Francis Hospital [1]	Evanston, Ill.	J. J. Fahey	AF	1,032	1	2	2	7	175
West Suburban Hospital [3]	Oak Park, Ill.	H. A. Sofield	AF	490	3	1	1	50	225
St. Francis Hospital [1-3]	Peoria, Ill.	H. E. Cooper	ACF	1,814	3	1	2	..	225
Indianapolis General Hospital [1-3]	Indianapolis	L. Thomas	AF	774	7	1	4	8	205
Indiana University Medical Center									
Indiana University Medical Center Hospital [1]	Indianapolis	G. J. Garceau	ACF	879	3	..	7	8	215
Veterans Admin. Hospital [1]	Indianapolis	G. J. Garceau	AF	442	..	..	1	8	...
St. Vincents Hospital [1-3-122]	Indianapolis	G. J. Garceau	AF	1,289	2	1	2	8	275
State University of Iowa Hospitals [1-3]	Iowa City	C. B. Larson	ACF	2,133	13	4	12	55	140
University of Kansas Medical Center [1-3]	Kansas City, Kan.	J. B. Weaver	ACF	572	3	..	3	..	125
St. Francis Hospital [1-3]	Wichita, Kan.	H. O. Marsh	ACF	1,839	9	1	3	..	275
Good Samaritan Hospital [3]	Lexington, Ky.	K. Thompson	ACF	1,426	..	1	1	59	225
St. Joseph Hospital	Lexington, Ky.	O. B. Murphy	ACF	686	2	1	1	59	230
Kosair Crippled Children Hospital [1-3]	Louisville, Ky.	K. A. Fischer	C	611	..	4	4	9	200
Louisville General Hospital [1-3]	Louisville, Ky.	K. A. Fischer	AF	460	6	..	3	9	105
Charity Hospital of Louisiana									
Louisiana State University Unit [1]	New Orleans	H. T. Simon	ACF	927	7	4	12	..	100
Tulane University Unit [1-447]	New Orleans	J. Wickstrom	ACF	1,423	10	4	12	10	100
Ochsner Foundation Hospital [1-142-148]	New Orleans	G. A. Caldwell	AF	322	..	1	4	56	225
Touro Infirmary [1]	New Orleans	R. H. Alldredge	ACF	829	..	1	3	10, 56	125
Confederate Memorial Medical Center [1]	Shreveport, La.	C. R. Reed	ACF	1,225	2	2	6	70	125
Shriners Hospital for Crippled Children [1]	Shreveport, La.	G. A. Caldwell	C	336	..	..	1	70	100
Baltimore City Hospitals [1-3]	Baltimore	M. M. Ravitch	AF	782	2	..	1	58	50
Children's Hospital School [1-3]	Baltimore	G. O. Eaton	C	701	1	..	..	57	50
James Lawrence Kernan Hospital for Crippled Children [1-3]	Baltimore	A. F. Voshell	C	560	..	1	2	58	250
Johns Hopkins Hospital [1-3]	Baltimore	R. A. Robinson	AF	785	4	5	6	57	25
Boston City Hospital [1-3]	Boston	A. P. Aitken	AF	2,380	9	..	8	13, 66	132
Children's Medical Center [1-3]	Boston	W. T. Green	C	1,168	1	5	15	11	50
Lahey Clinic [1-3-174-189]	Boston	G. E. Haggart	A	521	..	4	12	66	200
Massachusetts General Hospital [1-3]	Boston	J. S. Barr	ACF	1,899	..	5	6	11	67
Peter Bent Brigham Hospital [1-3]	Boston	W. T. Green	AF	Incl. in Surgery		..	1	11	42
Massachusetts Hospital School [1-189]	Canton, Mass.	P. L. Norton	CF	177	..	..	2	13, 66	...
Shriners Hospital for Crippled Children [3]	Springfield, Mass.	G. deN. Hough, Jr.	C	346	..	..	2	66	50
University Hospital [1-3]	Ann Arbor, Mich.	C. E. Badgley	ACF	1,555	2	4	16	..	186
Children's Hospital [1]	Detroit	F. J. Fischer	C	349	..	..	2	12	200
Harper Hospital [1-3]	Detroit	C. W. Peabody	A	984	1	2	2	12	225
Henry Ford Hospital [1-3]	Detroit	C. L. Mitchell	ACF	1,363	6	4	12	..	225
Receiving Hospital [1-3]	Detroit	A. G. Goetz	F	752	6	..	2	12	200
Blodgett Memorial Hospital [1-3]	Grand Rapids, Mich.	C. F. Frantz	ACF	562	1	1	3	..	250
St. Mary's Hospital [1-3]	Grand Rapids, Mich.	G. T. Aitken	ACF	1,105	7	1	3	..	200
Borgess Hospital [1-3]	Kalamazoo, Mich.	R. DeLong	ACF	508	3	..	1	..	225
Shriners Hospital for Crippled Children [1-3]	Minneapolis	D. R. Lannin	C	284	..	2	2	16	100
University of Minnesota Hospitals [1-3]	Minneapolis	W. H. Cole	A	234	1	1	3	16	185
Mayo Foundation [1]	Rochester, Minn.	H. H. Young	ACF	5,600	5	8	25	..	150
Gillette State Hospital for Crippled Children [1-3]	St. Paul	W. H. Cole	C	806	4	..	..	16	205
Mississippi Baptist Hospital [1]	Jackson, Miss.	T. H. Blake	ACF	1,566	3	1	3	..	150
University Hospital [1-3]	Jackson, Miss.	.....	ACF	.....	..	..	..	..	...
Children's Mercy Hospital [3]	Kansas City, Mo.	R. H. Kiene	C	192	..	..	1	18	125
Kansas City General Hospital No. 1 [1-3]	Kansas City, Mo.	F. G. Pipkin	AF	602	16	2	2	18	150
St. Luke's Hospital [1-3]	Kansas City, Mo.	R. L. Diveley	ACF	994	3	1	3	18	175
Barnes Hospital [1-3]	St. Louis	F. Reynolds	ACF	1,245	4	4	10	..	50
St. Louis City Hospital [1-3]	St. Louis	J. O. Lottes- R. Funsch	F	861	..	..	1	46, 60	100
St. Mary's Group of Hospitals [1-3]	St. Louis	R. M. O'Brien	ACF	776	6	2	6	46	100
Shriners Hospital for Crippled Children	St. Louis	C. H. Crego	C	486	..	..	2	60	...
Nebraska Orthopedic Hospital [1]	Lincoln, Neb.	F. Teal	C	634	4	1	1	33, 61	150
University of Nebraska Hospital [1-3]	Omaha	W. R. Hamsa	ACF	134	6	1	2	61	175
Monmouth Memorial Hospital [1-3]	Long Branch, N. J.	B. M. Halbstein	ACF	824	5	1	3	..	200
Hospital for Crippled Children [1-3]	Newark, N. J.	H. Kessler- D. Eisenberg	AC	1,420	2	..	3	67	150
Hospital Center at Orange		.....	ACF	.....	..	..	..	..	...
New Jersey Orthopaedic Hospital [1-3]	Orange, N. J.	H. T. Hansen	.....	951	2	1	3	..	150
Orange Memorial Hospital [1-3]	Orange, N. J.	H. T. Hansen	.....	.....	..	..	..	..	...
House of St. Giles the Cripple	Brooklyn, N. Y.	M. Cleveland	C	173	..	..	2	26, 41	100
Kings County Hospital									
County Service [1]	Brooklyn, N. Y.	C. C. Vitale	ACF	266	1	..	2	..	104
University Service [1]	Brooklyn, N. Y.	R. F. Warren	ACF	550	1	1	2	..	104
St. Charles Hospital [1-3]	Brooklyn, N. Y.	H. C. Fett	C	336	..	4	4	52	125
Buffalo General Hospital [1-3]	Buffalo	B. E. Obletz	AF	944	3	3	8	24	175
Children's Hospital [1-3]	Buffalo	F. N. Potts	C	511	..	..	3	24	125
Meadowbrook Hospital	Hempstead, N. Y.	O. C. Hudson	F	1,961	21	1	5	38	225
Nassau Hospital [3]	Mineola, N. Y.	O. Hudson	AF	1,748	..	1	3	38	225
Bellevue Hospital Center									
Div. IV—New York University Post-Graduate Medical School [1-3-280]	New York City	W. A. L. Thompson	ACF	309	..	4	12	51	105
Hospital for Joint Diseases [1-3-289]	New York City	J. E. Milgram	ACF	2,826	9	6	19	..	80
Hospital for Special Surgery [1-3]	New York City	T. C. Thompson	ACF	3,027	5	4	12	22	160
New York Medical College-Metropolitan Medical Center									
Metropolitan Hospital [1-3]	New York City	M. J. Wilson	AF	497	2	2	4	67	105
Mount Sinai Hospital [1-3]	New York City	F. K. Lippmann	ACF	982	3	2	5	..	50

Numerical and other references will be found on pages 387 through 390.

15. ORTHOPEDIC SURGERY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Type of Training	Inpatients Treated	Autopsies	First Year Residencies Offered [6]	Total Residencies Offered [6]	Program Identification	Beginning Stipend Offered [6]
New York Polyclinic Medical School and Hospital [1-3]	New York City	D. M. Bosworth	F	225	1	..	1	26	100
Presbyterian Hospital [1]	New York City	F. E. Stinchfield	ACF	2,644	4	6	24	..	250
St. Luke's Hospital [1-3]	New York City	D. M. Bosworth	ACF	890	7	1	3	41	100
St. Charles Hospital [3]	Port Jefferson, N. Y.	F. S. Child	C	539	..	..	6	38, 43	150
Rochester General Hospital [1-3]	Rochester, N. Y.	M. L. Rowe	A	686	1	..	..	31	125
Strong Memorial-Rochester Municipal Hospital [1-3]	Rochester, N. Y.	R. P. Schwartz	ACF	1,196	..	3	7	31	92
Ellis Hospital [1-3]	Schenectady, N. Y.	W. E. Gazeley	ACF	789	1	1	3	..	150
St. Vincent's Hospital [1-3]	Staten Island, N. Y.	D. M. Bosworth	F	593	..	1	1	26	150
Sea View Hospital [1-3-316]	Staten Island, N. Y.	D. M. Bosworth	A	153	..	4	4	26	157
New York State Rehabilitation Hospital [1-3]	West Haverstraw, N. Y.	J. C. McCauley	C	598	3	4	4	14, 51	260
Charlotte Memorial Hospital [1]	Charlotte, N. C.	I. Rapp	AF	1,484	8	1	4	48	250
Duke University Hospital [1-3-320-323]	Durham, N. C.	L. D. Baker	ACF	880	..	6	19	19	102
North Carolina Orthopedic Hospital [3]	Gastonia, N. C.	W. M. Roberts	C	254	..	2	2	19	...
Akron City Hospital [1-3]	Akron, Ohio	A. E. Davis	AF	1,374	2	2	6	15	250
Mary Day Nursery and Children's Hospital [1-3]	Akron, Ohio	F. B. Roberts	C	765	..	2	6	15	250
Children's Hospital [1]	Cincinnati	J. A. Freiberg	C	350	..	..	..	17	...
Cincinnati General Hospital [1-3]	Cincinnati	J. A. Freiberg	AF	207	4	2	6	17	50
Jewish Hospital [1-3]	Cincinnati	R. Perlman	A	900	5	..	1	17	165
Cleveland Clinic Hospital [1-3]	Cleveland	J. I. Kendrick	ACF	826	10	2	6	..	175
St. Luke's Hospital [1-3]	Cleveland	W. H. McGaw	ACF	1,318	5	1	4	..	120
University Hospitals [1-3]	Cleveland	C. H. Herndon	ACF	1,269	1	..	5	27	125
Children's Hospital [1-3]	Columbus, Ohio	H. B. Lacey	C	490	..	..	3	25	...
Mount Carmel Hospital [1]	Columbus, Ohio	H. B. Lacey	AF	1,273	2	1	2	25	275
Ohio State University Hospitals University Hospital [1-3]	Columbus, Ohio	J. D. Wilson	AF	Incl. in Surgery		..	7	25	152
White Cross Hospital [1-3]	Columbus, Ohio	J. D. Wilson	AF	1,199	1	1	3	25	275
Elyria Memorial Hospital	Elyria, Ohio	C. N. Heyman	C	181	..	..	1	27	270
St. Vincent's Hospital [1-3]	Toledo, Ohio	A. L. Bershon	ACF	1,244	5	1	3	..	275
Youngstown Hospital [1-3]	Youngstown, Ohio	W. D. McElroy	AF	1,176	12	1	2	71	175
Bone and Joint Hospital [3]	Oklahoma City	E. D. McBride	AF	1,722	2	..	4	53	250
St. Anthony Hospital	Oklahoma City	W. K. West	A	1,791	5	1	1	53	150
University of Oklahoma Hospitals [1-3-353]	Oklahoma City	D. H. O'Donoghue	ACF	1,177	2	1	8	53	...
Emanuel Hospital [1-3]	Portland, Ore.	H. E. Davis	AF	1,767	6	2	4	28	275
Shriners Hospital for Crippled Children [1-3]	Portland, Ore.	L. S. Lucas	C	369	..	..	2	28	100
University of Oregon Medical School Hospitals and Clinics [360]	Portland, Ore.	L. S. Lucas	AF	603	8	2	8	28	100
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	L. F. Bush	AF	808	4	1	3	6	175
State Hospital for Crippled Children [1]	Elizabethtown, Pa.	T. Outland	C	317	..	..	..	21	...
Hamot Hospital [1-3]	Erie, Pa.	C. W. Fortune	ACF	1,529	2	1	3	..	200
Children's Hospital [1-3]	Philadelphia	J. T. Nicholson	C	204	..	..	2	23, 72	75
Graduate Hospital of the University of Pennsylvania [1-3-369]	Philadelphia	J. T. Nicholson	A	297	..	1	1	23	75
Hospital of the University of Pennsylvania [1-3]	Philadelphia	P. Colonna	ACF	949	3	2	7	20	...
Jefferson Medical College Hospital [1-3]	Philadelphia	A. F. DePalma	AF	811	4	2	8	21	100
Pennsylvania Hospital [1-3]	Philadelphia	J. T. Nicholson	F	298	3	1	1	23	20
Philadelphia General Hospital [1-3]	Philadelphia	I. Stein	ACF	738	18	5	5	..	114
Shriners Hospital for Crippled Children [1-3]	Philadelphia	J. R. Moore	C	216	..	1	4	29	75
Temple University Hospital [1-3]	Philadelphia	J. R. Moore	AF	999	2	..	..	29	...
Allegheny General Hospital [1]	Pittsburgh	P. B. Steele-J. A. Heberling	ACF	1,217	3	1	2	69, 71	200
Children's Hospital [1-3]	Pittsburgh	J. Donaldson-A. Ferguson, Jr.	C	603	..	3	5	6, 30	125
Presbyterian Hospital	Pittsburgh	A. B. Ferguson	AF	554	2	..	3	30	125
St. Francis General Hospital and Rehabilitation Institute [1]	Pittsburgh	C. C. Yount	A	388	2	..	1	69	200
Reading Hospital [1-3]	Reading, Pa.	E. J. Morrissey	AF	778	5	1	1	72	225
Robert Packer Hospital [1-3]	Sayre, Pa.	D. Baker	ACF	1,031	4	1	3	..	200
Rhode Island Hospital [1-3]	Providence, R. I.	K. G. Burton	ACF	1,731	12	1	4	..	100
Roper Hospital [1-3]	Charleston, S. C.	J. A. Siegling	ACF	684	1	1	3	45	138
Columbia Hospital of Richland County	Columbia, S. C.	W. A. Boyd	ACF	1,738	2	1	3	..	175
Greenville General Hospital [1-3]	Greenville, S. C.	F. H. Stelling	AF	824	3	..	3	19	200
Shriners Hospital For Crippled Children [1-3]	Greenville, S. C.	F. H. Stelling	C	306	..	..	3	19, 48	100
Baroness Erlanger Hospital [1-3]	Chattanooga, Tenn.	J. J. Killeffer	ACF	676	4	1	3	..	150
Campbell Clinic Hospital [3-355]	Memphis, Tenn.	J. S. Speed	ACF	2,922	3	4	12	..	50
Vanderbilt University Hospital [1-3]	Nashville, Tenn.	E. M. Regen	ACF	926	1	1	3	..	50
Baylor University Hospital [1-3]	Dallas, Texas	F. L. Butte	A	2,110	3	1	2	32	160
Parkland Memorial Hospital [1-3]	Dallas, Texas	C. F. Gregory	F	626	3	..	..	32	75
Texas Scottish Rite Hospital for Crippled Children [1-3]	Dallas, Tex.	B. Carrell	C	644	..	2	3	32	125
Baylor University College of Medicine Affiliated Hospitals Jefferson Davis Hospital [1-3]	Houston, Texas	F. A. Bloom	ACF	803	7	2	6	49	100
Veterans Admin. Hospital [1-3]	Houston, Texas	B. F. Boylston	.....	1,000	4	2	6	49	...
Hermann Hospital [1-3]	Houston, Texas	E. T. Smith	ACF	1,613	4	1	4	..	100
Scott and White Memorial Hospitals [1-3]	Temple, Texas	R. A. Murray	ACF	2,323	..	1	3	..	250
Dr. W. H. Groves Latter-Day Saints Hospital [3]	Salt Lake City	P. R. Milligan	AF	910	5	1	3	63	200
Primary Childrens Hospital [1-3]	Salt Lake City	P. R. Milligan	C	323	..	..	1	63	200
Salt Lake County General Hospital	Salt Lake City	R. Richards	F	....	..	..	1	34	...
Shriners Hospital for Crippled Children [1-3]	Salt Lake City	P. A. Pemberton	C	207	1	2	2	34	100
University of Virginia Hospital [1-3]	Charlottesville, Va.	J. H. Allan	ACF	830	1	3	6	14	50
Crippled Children's Hospital [1-3]	Richmond, Va.	J. T. Tucker	C	428	..	..	1	35	200
Medical College of Virginia—Hospital Division [1-3]	Richmond, Va.	M. J. Hoover	AF	1,383	6	3	7	35	75
Children's Orthopedic Hospital [1]	Seattle	J. F. LeCoco	C	904	1	..	2	36	...
King County Hospital Unit No. 1 (Harborview) [1]	Seattle	R. D. Ray	AF	889	28	1	2	36	125
Providence Hospital [1-3]	Seattle	B. E. McConville	A	2,245	2	1	1	36	200
University Hospitals [1-3]	Madison, Wis.	R. E. Burns	ACF	1,381	4	3	7	..	175
Columbia Hospital [1-3-434]	Milwaukee	A. C. Sehmidt	AF	865	12	2	8	37	195
Milwaukee Children's Hospital [1-3]	Milwaukee	W. P. Blount	C	477	..	..	..	37, 40	...
Shriners Hospital for Crippled Children [1]	Honolulu, T. H.	J. W. White	C	158	..	1	1	50	100

Residency programs in the following hospitals have been approved by the Council and the American Board of Orthopedic Surgery, through the Residency Review Committee for Orthopedic Surgery, as offering acceptable training in adult orthopedics and fractures. Training in the basic sciences is given as an integral part of these services or as a separate course. Services collaborating in an integral plan of training are designated by a program number, a list of which is found on pages 349 and 350.

Residents completing their training in these hospitals are eligible for limited certification by the American Board of Orthopedic Surgery, not to include children's orthopedic surgery.

Hospitals, 36; Assistant Residences and Residencies, 112

FEDERAL

UNITED STATES ARMY

Letterman Army Hospital [1]	San Francisco	J. D. Blair	AF	1,149	1	3	9	..	...
Fitzsimons Army Hospital [1]	Denver	R. D. Anderson	AF	997	5	1	3	..	...

Numerical and other references will be found on pages 387 through 390.

15. ORTHOPEDIC SURGERY—Continued

Name of Hospital	Location	Chief of Service	Type of Training	Inpatients Treated	Autopsies	First Year Residencies Offered *	Total Residencies Offered *	Program Identification	Beginning Stipend Offered *
FEDERAL									
UNITED STATES AIR FORCE									
U. S. Air Force Hospital [1-3]	San Antonio, Texas	E. W. Brannon	AF	1,654	..	2	4	..	...
UNITED STATES NAVY									
U. S. Naval Hospital [1-3]	Oakland, Calif	H. R. Ennis	AF	1,137	..	2	4	..	...
U. S. Naval Hospital	Bethesda, Md.	T. M. Foley	AF	1,198	..	1	2	..	...
U. S. Naval Hospital [1-3]	Chelsea, Mass.	W. C. Cantrell	AF	649	..	1	2	..	...
U. S. Naval Hospital [1-3]	Philadelphia	W. D. Bundens	AF	825	1	1	2	..	...
U. S. Naval Hospital [1-3]	Portsmouth, Va.	C. A. Stevenson	AF	1,093	2	2	3	..	...
VETERANS ADMINISTRATION									
Veterans Admin. Hospital [1-3-24]	Los Angeles	R. Mazet, Jr.	AF	903	10	3	7	..	...
Veterans Admin. Hospital [1-3-50]	Denver	M. E. Gibbens	AF	1,031	4	1	2	..	...
Veterans Admin. Hospital [1-3]	St. Louis	O. P. Hampton, Jr.	AF	244	3	1	3	..	...
Veterans Admin. Hospital [1-3]	New York City (Manhattan)	W. A. L. Thompson	AF	221	..	2	6	..	...
Veterans Admin. Hospital [1-3]	Portland, Ore.	R. C. Merrifield	AF	609	..	1	3	..	...
Veterans Admin. Hospital [1-3-87S]	Philadelphia	A. F. DePalma	AF	448	..	1	3	..	...
Veterans Admin. Hospital [1-3-49S]	McKinney, Texas	V. M. Bryant	AF	732	1	2	6	..	...
NONFEDERAL									
White Memorial Hospital [1-2-25]	Los Angeles	T. G. Reynolds	AF	367	..	1	3	..	151
San Diego County General Hospital [1-3]	San Diego, Calif.	F. E. West	AF	302	2	1	2	..	150
St. Joseph's Hospital [1-3]	San Francisco	R. Soto Hall	AF	906	4	1	3	..	200
St. Mary's Hospital [1-3]	San Francisco	J. J. Loutzenheiser	AF	1,412	..	1	2	..	...
Methodist Hospital [1-3]	Indianapolis	G. Batman	AF	1,750	9	1	2	..	278
Mercy Hospital [1-3]	Iowa City	A. Steindler	AF	649	..	2	2	..	150
Massachusetts Memorial Hospitals [1-3]	Boston	K. Christophe	A	238	..	1	3	62	50
Lynn Hospital [1-3]	Lynn, Mass.	D. M. Killoran	F	960	2	1	1	62	150
Worcester City Hospital [3]	Worcester, Mass.	C. V. King	AF	775	8	1	3	..	215
Albany Hospital [1-3]	Albany, N. Y.	C. Campbell	AF	715	4	1	3	..	100
Jewish Hospital [1-3]	Brooklyn, N. Y.	S. A. Bernstein-A. Kenin	AF	633	1	1	3	..	100
Methodist Hospital [1-3]	Brooklyn, N. Y.	H. P. Lange	AF	527	2	1	1	..	175
Edward J. Meyer Memorial Hospital [1]	Buffalo	J. P. Cole	AF	262	5	1	2	..	248
Queens Hospital Center [1-3]	Jamaica, N. Y.	F. C. Courten	AF	104	1	1	3	..	105
Lenox Hill Hospital [1-3]	New York City	H. Jordan	AF	711	..	1	1	..	180
North Carolina Memorial Hospital [1-3]	Chapel Hill, N. C.	R. B. Raney	AF	387	1	..	3	..	156
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	F. Forsyth	AF	739	..	2	4	..	125
Mount Sinai Hospital [1-3]	Cleveland	A. Miller	AF	883	1	1	2	..	215
Hahnemann Medical College and Hospital [3]	Philadelphia	E. O. Geckeler	AF	878	2	2	5	..	75
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	G. W. N. Eggers	AF	758	2	2	4	..	100
St. Joseph's Hospital [3]	Houston, Texas	F. F. Parrish	AF	948	2	1	1	..	225

Residency programs in the following hospitals have been approved by the Council and the American Board of Orthopedic Surgery, through the Residency Review Committee for Orthopedic Surgery, as offering acceptable training in children's orthopedic surgery as an independent program. Some of these services also participate in an integrated program offering full training in all categories of Orthopedic Surgery and are also listed on pages 346 through 348.

Hospitals, 8; Assistant Residencies and Residencies, 9

NONFEDERAL									
Children's Hospital	Los Angeles	S. S. Matthews	C	628	..	..	2	..	150
Shriners Hospital for Crippled Children [1-3]	Los Angeles	G. W. Westin	C	291	..	2	2	..	150
Children's Hospital of the East Bay [1-3]	Oakland, Calif.	E. N. Ewer	C	.....	..	..	..	..	...
Hope Haven Hospital	Jacksonville, Fla.	F. L. Fort	C	339	..	..	1	..	225
Scottish Rite Hospital for Crippled Children	Decatur, Ga.	J. H. Kite	C	322	..	1	1	..	200
Children's Memorial Hospital [1-3]	Chicago	C. N. Pease	C	164	..	..	1	..	125
Primary Children's Hospital	Salt Lake City	P. R. Milligan	C	323	..	..	1	..	200
Shriners Hospital for Crippled Children [1]	Spokane, Wash.	N. R. Brown	C	242	..	..	1	..	...

ORTHOPEDIC SURGERY—PROGRAM IDENTIFICATION

Program Number	Hospital	Location
1.	Arkansas Children's Home and Hospital	Little Rock, Ark.
	Veterans Admin. Hospital	Memphis, Tenn.
2.	Children's Hospital of the East Bay	Oakland, Calif.
	Samuel Merritt Hospital	Oakland, Calif.
	Veterans Admin. Hospital	San Francisco
	Children's Hospital	San Francisco
	Franklin Hospital	San Francisco
	San Francisco Hospital	San Francisco
	Shriners Hospital for Crippled Children	San Francisco
	University of California Hospital	San Francisco
3.	Highland-Alameda County Hospital	Oakland, Calif.
	Veterans Admin. Hospital	San Francisco
	San Francisco Hospital	San Francisco
	Stanford University Hospital	San Francisco
4.	Children's Hospital	Denver
	Colorado General Hospital	Denver
	Denver General Hospital	Denver
5.	Hartford Hospital	Hartford, Conn.
	Grace-New Haven Community Hospital	New Haven, Conn.
	Newington Home and Hospital for Crippled Children	Newington, Conn.
6.	George F. Geisinger Memorial Hospital	Danville, Pa.
	Children's Hospital	Pittsburgh
7.	American Legion Hospital for Crippled Children	St. Petersburg, Fla.
	Chicago Wesley Memorial Hospital	Chicago
	Passavant Memorial Hospital	Chicago
	Veterans Admin. Research Hospital	Chicago
	Evanston Hospital	Evanston, Ill.
	St. Francis Hospital	Evanston, Ill.
8.	Veterans Admin. Hospital	Indianapolis
	Indianapolis General Hospital	Indianapolis
	Indiana University Medical Center	Indianapolis
	St. Vincent's Hospital	Indianapolis
9.	Veterans Admin. Hospital	Louisville, Ky.
	Kosair Crippled Children Hospital	Louisville, Ky.
	Louisville General Hospital	Louisville, Ky.
10.	Veterans Admin. Hospital	New Orleans
	Charity Hospital of Louisiana Tulane University Unit	New Orleans
	Touro Infirmary	New Orleans
11.	Children's Hospital	Boston
	Massachusetts General Hospital	Boston
	Peter Bent Brigham Hospital	Boston
12.	Children's Hospital	Detroit
	Harper Hospital	Detroit
	Receiving Hospital	Detroit
13.	Veterans Admin. Hospital	Boston
	Boston City Hospital	Boston
	Massachusetts Hospital School	Canton, Mass.
14.	Rehabilitation Hospital	West Haverstraw, N. Y.
	University of Virginia Hospital	Charlottesville, Va.
15.	Mary Day Nursery and Children's Hospital	Akron, Ohio
	Akron City Hospital	Akron, Ohio
16.	Veterans Admin. Hospital	Minneapolis
	Shriners Hospital for Crippled Children	Minneapolis
	University of Minnesota Hospitals	Minneapolis
	Gillette State Hospital for Crippled Children	St. Paul
17.	Children's Hospital	Cincinnati
	Cincinnati General Hospital	Cincinnati
	Jewish Hospital	Cincinnati
18.	Veterans Admin. Hospital	Wadsworth, Kan.
	Children's Mercy Hospital	Kansas City, Mo.
	Kansas City General Hospital No. 1	Kansas City, Mo.
	St. Luke's Hospital	Kansas City, Mo.
	Veterans Admin. Hospital	Kansas City, Mo.
19.	Alfred I. du Pont Institute of the Nemours Foundation	Wilmington, Del.

Numerical and other references will be found on pages 387 through 390.

Program Number	Hospital	Location
	Duke Hospital	Durham, N. C.
	Veterans Admin. Hospital	Durham, N. C.
	North Carolina Orthopaedic Hospital	Gastonia, N. C.
	Greenville General Hospital	Greenville, S. C.
	Shriners Hospital for Crippled Children	Greenville, S. C.
20.	Alfred I. du Pont Institute of the Nemours Foundation	Wilmington, Del.
	Hospital of the University of Pennsylvania	Philadelphia
21.	State Hospital for Crippled Children	Elizabethtown, Pa.
	Jefferson Medical College Hospital	Philadelphia
22.	Veterans Admin. Hospital	New York City
	Hospital for Special Surgery	New York City
23.	Children's Hospital	Philadelphia
	Graduate Hospital of the University of Pennsylvania	Philadelphia
	Pennsylvania Hospital	Philadelphia
	Lankenau Hospital	Philadelphia
24.	Veterans Admin. Hospital	Buffalo
	Buffalo General Hospital	Buffalo
	Children's Hospital	Buffalo
25.	Children's Hospital	Columbus, Ohio
	Mount Carmel Hospital	Columbus, Ohio
	Ohio State University Hospitals University Hospital	Columbus, Ohio
	White Cross Hospital	Columbus, Ohio
26.	House of St. Giles the Cripple	Brooklyn
	New York Polyclinic Medical School and Hospital	New York City
	St. Vincent's Hospital	Staten Island, N. Y.
	Seaview Hospital	Staten Island, N. Y.
27.	University Hospital	Cleveland
	Veterans Admin. Hospital	Cleveland
	Elyria Memorial Hospital	Elyria, Ohio
28.	Emanuel Hospital	Portland, Ore.
	Shriners Hospital for Crippled Children	Portland, Ore.
	University of Oregon Medical School Hospitals and Clinics	Portland, Ore.
29.	Shriners Hospital for Crippled Children	Philadelphia
	Temple University Hospital	Philadelphia
30.	Children's Hospital	Pittsburgh
	Presbyterian Hospital	Pittsburgh
31.	Rochester General Hospital	Rochester, N. Y.
	Strong Memorial-Rochester Municipal Hospitals	Rochester, N. Y.
32.	Baylor University Hospital	Dallas, Texas
	Parkland Hospital	Dallas, Texas
	Texas Scottish Rite Hospital for Crippled Children	Dallas, Texas
33.	Nebraska Orthopedic Hospital	Lincoln, Neb.
	Veterans Admin. Hospital	Lincoln, Neb.
34.	Veterans Admin. Hospital	Salt Lake City
	Salt Lake County General Hospital	Salt Lake City
	Shriners Hospital for Crippled Children	Salt Lake City
35.	Veterans Admin. Hospital	Richmond, Va.
	Crippled Children's Hospital	Richmond, Va.
	Medical College of Virginia-Hospital Division	Richmond, Va.
36.	Children's Orthopedic Hospital	Seattle
	King County Hospital, Unit No. 1 (Harborview)	Seattle
	Providence Hospital	Seattle
	Veterans Admin. Hospital	Seattle
37.	Columbia Hospital	Milwaukee
	Milwaukee Children's Hospital	Milwaukee
38.	Meadowbrook Hospital	Hempstead, N. Y.
	Nassau Hospital	Mineola, N. Y.
	St. Charles Hospital	Port Jefferson, N. Y.
39.	Grady Memorial Hospital	Atlanta, Ga.
	Emory University Hospital	Emory University, Ga.
40.	Veterans Admin. Hospital	Milwaukee
	Milwaukee Children's Hospital	Milwaukee
41.	House of St. Giles the Cripple	Brooklyn
	St. Luke's Hospital	New York City
42.	Michael Reese Hospital	Chicago
	St. Elizabeth's Hospital	Chicago
43.	Hospital of St. Raphael	New Haven, Conn.
	St. Charles Hospital	Port Jefferson, N. Y.
44.	Veterans Admin. Hospital	Birmingham, Ala.
	Crippled Children's Hospital	Birmingham, Ala.
	University Hospital and Hillman Clinic	Birmingham, Ala.
45.	Veterans Admin. Hospital	Columbia, S. C.
	Roper Hospital	Charleston, S. C.
46.	St. Louis City Hospital	St. Louis
	St. Mary's Group of Hospitals	St. Louis
47.	St. Luke's Hospital	Chicago
	University of Illinois Research and Educational Hospital	Chicago
48.	Charlotte Memorial Hospital	Charlotte, N. C.
	Shriners Hospital for Crippled Children	Greenville, S. C.
49.	Veterans Admin. Hospital	Houston, Tex.
	Jefferson Davis Hospital	Houston, Tex.
50.	Veterans Admin. Hospital	Hines, Ill.
	Shriners Hospital for Crippled Children	Chicago
	Shriners Hospital for Crippled Children	Honolulu, T. H.
	West Suburban Hospital	Oak Park, Ill.
51.	Bellevue Hospital Center, Division IV-New York University Postgraduate Med. School	New York City
	Rehabilitation Hospital	West Haverstraw, N. Y.
52.	Veterans Admin. Hospital	Brooklyn
	St. Charles Hospital Orthopedic Clinic	Brooklyn
53.	Veterans Admin. Hospital	Oklahoma City
	Bone and Joint Hospital	Oklahoma City
	St. Anthony Hospital	Oklahoma City
	University Hospitals	Oklahoma City
54.	Central Dispensary and Emergency Hospital	Washington, D. C.
	District of Columbia General Hospital	Washington, D. C.
55.	Veterans Admin. Hospital	Des Moines, Iowa
	University Hospitals	Iowa City
56.	Ochsner Foundation Hospital	New Orleans
	Touro Infirmary	New Orleans
57.	Children's Hospital School	Baltimore
	Johns Hopkins Hospital	Baltimore
58.	Baltimore City Hospital	Baltimore
	James Lawrence Kernan Hospital for Crippled Children	Baltimore
59.	Good Samaritan Hospital	Lexington, Ky.
	St. Joseph's Hospital	Lexington, Ky.
60.	Barnes Hospital	St. Louis
	St. Louis City Hospital	St. Louis
	Shriners Hospital for Crippled Children	St. Louis
61.	Nebraska Orthopedic Hospital	Lincoln, Neb.
	University of Nebraska Hospital	Omaha
62.	Massachusetts Memorial Hospital	Boston
	Lynn Hospital	Lynn, Mass.
	Newington Home and Hospital for Crippled Children	Newington, Conn.
63.	Dr. W. H. Groves Latter-Day Saints Hospital	Salt Lake City
	Primary Children's Hospital	Salt Lake City
64.	Veterans Admin. Hospital	Long Beach, Calif.
	Children's Hospital Center	Los Angeles, Calif.
65.	Harbor General Hospital	Torrance, Calif.
	Orthopedic Hospital	Los Angeles, Calif.
66.	Boston City Hospital	Boston
	Lahey Clinic	Boston
	Massachusetts Hospital School	Canton, Mass.
	Shriners Hospital for Crippled Children	Springfield, Mass.
67.	Hospital for Crippled Children	Newark, N. J.
	Metropolitan Hospital	New York City
68.	Crippled Children's Clinic and Hospital	Birmingham, Ala.
	Lloyd Noland Hospital	Fairfield, Ala.
69.	Allegheny General Hospital	Pittsburgh, Pa.
	St. Francis General and Rehabilitation Institute	Pittsburgh, Pa.
70.	Confederate Memorial Hospital	Shreveport, La.
	Shriners Hospital for Crippled Children	Shreveport, La.
71.	Allegheny General Hospital	Pittsburgh, Pa.
	Youngstown Hospital	Youngstown, Ohio
72.	Children's Hospital	Philadelphia
	Reading Hospital	Reading, Pa.

16. OTOLARYNGOLOGY

Residency programs in the following hospitals have been approved by the Council and the American Board of Otolaryngology through the Residency Review Committee for Otolaryngology, as offering acceptable training in the specialty.

Hospitals, 112; Assistant Residencies and Residencies, 428

Name of Hospital	Location	Chief of Service	Inpatients Treated	Outpatient Visits	First Year Residencies Offered [a]	Total Residencies Offered [a]	Beginning Stipend (Month)
FEDERAL							
UNITED STATES ARMY							
Letterman Army Hospital [1]	San Francisco	F. J. Shaffer	718	2	2	6	...
Army Medical Center [1-3]	Washington, D. C.	H. S. Murphy	846	12,393	2	6	...
Brooke Army Hospital [1-3]	San Antonio, Texas	T. L. Hartridge	556	9,637	2	6	...
UNITED STATES NAVY							
U. S. Naval Hospital [1-3]	Oakland, Calif.	M. Schiff	1,026	5,626	1	2	...
U. S. Naval Hospital [1]	San Diego, Calif.	L. E. Wible	1,845	10,238	1	3	...
U. S. Naval Hospital	Bethesda, Md.	J. Davis	.....	5,291	1	3	...
U. S. Naval Hospital [1-3]	Philadelphia	W. C. Livingood	730	13,063	1	3	...
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE							
Freedmen's Hospital [1-3]	Washington, D. C.	U. L. Houston	.....	.....	..	..	...
VETERANS ADMINISTRATION							
Veterans Admin. Hospital [1-3]	Los Angeles	C. S. Mumma	654	4,123	..	2	...
Veterans Admin. Hospital [1-49]	San Francisco	W. P. Work	296	2,627	1	3	...
Veterans Admin. Hospital [1]	Hines, Ill.	F. L. Lederer	449	.....	1	5	...
Veterans Admin. Hospital [1-3]	Wadsworth, Kan.	N. E. Lacy	62	1,685	1	1	...
Veterans Admin. Hospital [1-3]	Louisville, Ky.	(See University of Louisville Medical Center)					
Veterans Admin. Hospital [1-3]	Boston (Jamaica Plain)	E. Tomb	541	.....	1	1	...
Veterans Admin. Hospital [1-3]	Minneapolis	H. V. Hanson	165	114	1	2	...

Numerical and other references will be found on pages 387 through 388.

16. OTOLARYNGOLOGY—Continued

Name of Hospital	Location	Chief of Service	Inpatients Treated	Outpatient Visits	First Year Residencies Offered *	Total Residencies Offered *	Beginning Stipend (Month)
FEDERAL							
Veterans Admin. Hospital [1-3-291]	East Orange, N. J.	J. R. Bickle	223	1,541	1	3	...
Veterans Admin. Hospital [1-3]	New York City (Bronx)	F. Altmann	707	.....	1	3	...
Veterans Admin. Hospital [1-3]	Cleveland	V. M. Jordan	296	583	1	2	...
Veterans Admin. Hospital [1-3]	Pittsburgh	S. L. Kyler	420	10	1	3	...
Veterans Admin. Hospital [1-3]	Memphis, Tenn.	T. C. Maguda	Inel. in Ophth.		1	1	...
Veterans Admin. Hospital [1-3-395]	Dallas, Texas	D. A. Corgill	322	.....	2	3	...
Veterans Admin. Hospital [1-3]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)					
Veterans Admin. Hospital [1-3]	Milwaukee (Wood)	R. H. Lenman	362	3,362	2	3	...
NONFEDERAL							
Los Angeles County Hospital [1]	Los Angeles	A. H. Miller	1,911	25,406	2	5	246
Los Angeles Eye and Ear Hospital [1-3-27]	Los Angeles	A. H. Miller	1,621	3,209	2	6	150
White Memorial Hospital [1-3]	Los Angeles	L. R. House	859	5,509	1	2	151
San Diego County General Hospital [1-3]	San Diego, Calif.	B. Sanderson	318	2,364	1	1	...
Stanford University Hospitals [1-3]	San Francisco	R. C. McNaught	446	6,140	1	3	80
University of California Hospital [1-3]	San Francisco	L. F. Morrison	327	.....	1	3	200
University of Colorado Medical Center [468]							
Colorado General Hospital [1-3]	Denver	H. I. Laff	141	3,464	1	2	100
Denver General Hospital [1-3]	Denver	H. I. Laff	176	1	..	..	157
Grace-New Haven Community Hospital [1-3]	New Haven, Conn.	J. A. Kirchner	665	4,340	1	3	50
Episcopal Eye, Ear and Throat Hospital [3-79-402]	Washington, D. C.	A. D. Fischer	4,075	16,910	2	6	150
Tampa Municipal Hospital [1-3]	Tampa, Fla.	J. B. Farrior	665	.....	1	3	250
Grady Memorial Hospital [1]	Atlanta, Ga.	W. C. Warren	14	.....	1	3	20
Cook County Hospital [1-3]	Chicago	S. J. Pearlman	1,249	21,966	2	5	75
Illinois Eye and Ear Infirmary [1-3]	Chicago	F. L. Lederer	1,229	30,387	6	14	128
Northwestern University Medical Center [1-3-108]	Chicago	G. E. Shambaugh, Jr.	3,111	7,031	3	9	75
Chicago Wesley Memorial Hospital [1-3]	Chicago	G. E. Shambaugh, Jr.	.....	.....	1	1	75
Cook County Hospital [1-3]	Chicago	S. J. Pearlman	.....	.....	..	..	...
Michael Reese Hospital	Chicago		.....	.....	..	..	...
St. Luke's Hospital	Chicago		.....	.....	..	..	...
University of Chicago Clinics [1-3]	Chicago	J. R. Lindsay	474	8,520	1	4	200
University of Illinois Research and Educational Hospitals [1-3-114]	Chicago	F. L. Lederer	377	10,140	1	3	125
Indiana University Medical Center							
Indianapolis General Hospital [1-3]	Indianapolis	D. Brown	626	5,770	..	..	205
Indiana University Medical Center Hospital [1]	Indianapolis	M. Manion	327	3,734	1	4	165
State University of Iowa Hospital [1-3]	Iowa City	D. M. Lierle	2,291	4,870	4	12	140
University of Kansas Medical Center [1-3]	Kansas City, Kan.	G. O. Proud	578	9,397	1	4	125
University of Louisville Medical Center							
Louisville General Hospital [1-3]	Louisville, Ky.	W. C. Wolfe	39	3,347	..	2	157
Veterans Admin. Hospital [1-3]	Louisville, Ky.	H. Oppenheim	350	511	1	1	...
Charity Hospital of Louisiana							
Louisiana State University Unit [1]	New Orleans	V. H. Fuchs	778	7,643	1	3	100
Tulane University Unit [1]	New Orleans	J. W. McLaurin	838	6,313	2	4	100
Eye, Ear, Nose and Throat Hospital	New Orleans	L. W. Alexander	4,511	11,433	6	10	100
Baltimore Eye, Ear, Nose and Throat Hospital	Baltimore	A. T. Lieberman	3,245	9,194	1	3	150
Johns Hopkins Hospital [1-3]	Baltimore	J. E. Bordley	1,182	8,669	4	5	25
Mercy Hospital [1-3]	Baltimore	T. A. Schwartz	1,233	2,068	..	1	275
South Baltimore General Hospital [1-3]	Baltimore	S. L. Fox	691	.....	1	3	175
University Hospital [1-3]	Baltimore	T. R. O'Rourke	251	1,395	..	2	75
Boston City Hospital [1-3]	Boston	A. J. Gorney	1,691	14,406	3	7	112
Massachusetts Eye and Ear Infirmary [1-3]	Boston	L. A. Schall	3,135	22,964	4	11	42
Massachusetts Memorial Hospitals [1-3-175]	Boston	N. Fineberg	360	1,051	1	1	50
University Hospital [1-3]	Ann Arbor, Mich.	A. C. Furstenberg	699	8,946	2	8	154
Harper Hospital [1-3-136]	Detroit	W. Warren	3,326	.....	1	3	225
Henry Ford Hospital [1-3]	Detroit	J. L. Dili	1,053	19,908	1	4	225
Receiving Hospital [1-3]	Detroit	J. E. Croushore	655	.....	1	2	200
University of Minnesota Hospitals [1-3-216]	Minneapolis	L. R. Boies	407	3,983	2	6	185
Mayo Foundation [1]	Rochester	H. L. Williams	1,368	22,321	2	5	150
Homer G. Phillips Hospital [1-3]	St. Louis	A. J. Cone	197	.....	2	6	190
St. Mary's Group of Hospitals [1-3-224]	St. Louis	B. J. McMahon	510	2,852	1	3	100
Washington University Hospitals	St. Louis	T. E. Walsh	2,681	11,791	3	9	50
Barnes Hospital [1-3]	St. Louis						
McMillan Hospital	St. Louis						
Newark Eye and Ear Infirmary—Martland Medical Center [1-3]	Newark, N. J.	E. P. Cardwell	3,596	1,113	2	6	162
Albany Hospital [1-3]	Albany, N. Y.	B. Volk	702	827	1	3	160
Brooklyn Eye and Ear Hospital [1-3]	Brooklyn, N. Y.	J. P. Baker	5,378	33,487	2	6	100
Kings County Hospital							
County Service [1]	Brooklyn, N. Y.	L. A. Mazzarella	529	4,937	1	2	104
University Service [1]	Brooklyn, N. Y.	I. J. Polisar	263	3,370	1	2	104
Long Island College Hospital [1-3]	Brooklyn, N. Y.	C. R. Weeth	612	2,432	1	2	150
Buffalo General Hospital [1-3-256]	Buffalo	H. E. Bozer	766	1,030	1	3	175
Elmhurst General Hospital [1-3-158]	Elmhurst, N. Y.	C. A. Seelig	327	3,462	1	3	105
Bellevue Hospital Center							
Div. IV—New York University Post Graduate Medical School [1-3-275]	New York City	J. F. Daly	2,236	19,366	4	11	105
Harlem Eye and Ear Hospital [1-3]	New York City	E. Grabscheid	2,346	26,241	1	3	75
Manhattan Eye, Ear and Throat Hospital [1-3]	New York City	W. B. Allan	7,259	47,914	4	12	50
Mount Sinai Hospital [1-3]	New York City	J. L. Goldman	1,020	5,443	1	3	50
New York Eye and Ear Infirmary [1-3]	New York City	J. S. Hanley	.....	33,531	4	12	50
New York Hospital [1-3]	New York City	J. A. Moore	1,551	10,781	1	4	116.67
New York Polyclinic Medical School and Hospital [1-3]	New York City	W. W. Morrison	772	1	1	1	...
Presbyterian Hospital [1]	New York City	E. P. Fowler, Jr.	1,739	17,162	4	8	250
Roosevelt Hospital [1-3]	New York City	R. C. Grove	662	5,249	1	3	133
St. Luke's Hospital [1-3]	New York City	V. C. McCuaig	783	9,245	1	3	100
Strong Memorial-Rochester Municipal Hospital [1-3]	Rochester, N. Y.	C. A. Heatly	906	1,580	1	2	92
State University of New York Upstate Medical Center Hospital [1-3]	Syracuse, N. Y.	A. Doust	834	2,801	1	3	192
Duke University Hospital [1-3-323]	Durham, N. C.	W. W. Eagle	631	2,900	3	6	127
McPherson Hospital [1-3]	Durham, N. C.	G. B. Ferguson	1,198	16,350	1	3	150
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	J. A. Harrill	450	1,922	1	3	125
Cincinnati General Hospital [1-3-329]	Cincinnati	H. A. Goodyear	634	4,498	2	6	75
Cleveland Clinic Hospital [1-3]	Cleveland	H. E. Harris	756	15,455	2	6	175
St. Luke's Hospital [1-3]	Cleveland	H. C. Rosenberger	2,843	1,045	1	3	120
Ohio State University Hospitals							
University Hospital [1-3]	Columbus, Ohio	E. W. Harris	458	3,530	..	6	177
Children's Hospital [1-3]	Columbus, Ohio		1,044	.....	..	..	...
University of Oregon Medical School Hospitals and Clinics [360]	Portland, Ore.	G. L. Boyden	449	3,254	1	3	100
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	F. W. Davison	1,053	9,752	1	3	175
Graduate Hospital of the University of Pennsylvania [1-3-388]	Philadelphia	L. E. Silcox	1,133	2,041	2	4	100

Numerical and other references will be found on pages 387 through 390.

16. OTOLARYNGOLOGY—Continued

Name of Hospital	Location	Chief of Service	Inpatients Treated	Outpatient Visits	First Year Residencies Offered [5]	Total Residencies Offered [5]	Beginning Stipend (Month)
NONFEDERAL							
Hospital of the University of Pennsylvania [1-3]	Philadelphia	H. Schenck	1,325	3,613	2	6	...
Jefferson Medical College Hospital [1-3]	Philadelphia	F. Harbert	1,558	5,861	1	3	50
Temple University Hospital [1-3]	Philadelphia	D. Myers	1,198	2,286	..	..	...
Mercy Hospital [1-3]	Pittsburgh	J. A. Perrone	1,599	1,272	1	3	175
Pittsburgh Medical Center							
Eye and Ear Hospital [1-3]	Pittsburgh	T. B. McCollough	4,695	5,501	2	4	125
Rhode Island Hospital [1-3]	Providence, R. I.	R. W. Pearson	1,574	2,905	1	2	100
Roper Hospital [1-3]	Charleston, S. C.	R. M. Hope	565	.....	1	3	138
City of Memphis Hospitals [1-3]	Memphis, Tenn.	S. Sanders	322	3,687	1	2	100
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	J. Robison	282	5,399	2	4	160
Baylor University College of Medicine Affiliated Hospitals							
Jefferson Davis Hospital [1-3]	Houston, Texas	H. H. Harris	250	7,033	1	2	75
Veterans Admin. Hospital	Houston, Texas	.....	390	.....	1	3	...
University of Virginia Hospital [1-3]	Charlottesville, Va.	G. S. Fitz Hugh	1,175	5,034	2	4	50
Medical College of Virginia—							
Hospital Division [1-3]	Richmond, Va.	P. N. Pastore	934	4,230	2	4	50
*Gill Memorial Eye, Ear and Throat Hospital	Roanoke, Va.	E. G. Gill	Included in Ophthalmology				300

*Combined 4-year program Ophthalmology-Otolaryngology

Residency programs in the following hospitals approved by the Council and the American Board of Otolaryngology, through the Residency Review Committee for Otolaryngology, offer training in otolaryngology of less than three years' duration, which is integrated with or contributory to a fully approved program.

Hospitals, 15; Assistant Residencies and Residencies, 20.

FEDERAL							
Veterans Admin. Research Hospital [1]	Chicago	J. Waller	40	.....	1	1	...
Veterans Admin. Hospital [1-3]	Boston (Jamaica Plain)	E. Tomb	541	.....	1	1	...
Veterans Admin. Hospital [1]	Kansas City, Mo.	H. A. Knauff	205	.....	..	..	...
Veterans Admin. Hospital [1-3-362]	Portland, Ore.	G. L. Boyden	163	953	..	1	...
NONFEDERAL							
Children's Hospital [1-3]	San Francisco	R. C. Martin	834	1,100	1	1	125
San Francisco Hospital							
Stanford University Service [1-3]	San Francisco	S. Von Christierson	151	.....	..	1	195
University of California Service [1-3]	San Francisco	L. F. Morrison	185	.....	..	1	195
District of Columbia General Hospital [1-3]	Washington, D. C.	V. Alfaro-D. Moffett	269	2,306	..	1	178
Presbyterian Hospital [1]	Chicago	S. A. Friedberg	593	2,180	1	2	125
Beth Israel Hospital [1-3]	Boston	B. Zonderman	773	1,546	1	1	100
Minneapolis General Hospital [1-3]	Minneapolis	B. Bofenkamp	211	2,423	..	1	185
Ancker Hospital [1-3]	St. Paul	D. Kusske	278	2,399	1	1	185
Kansas City General Hospital No. 1 [1-3]	Kansas City, Mo.	I. M. Birenboim	288	3,924	1	2	150
St. Louis City Hospital [1-3]	St. Louis	J. West	148	4,395	2	3	190
Philadelphia General Hospital [1-3]	Philadelphia	L. K. Elfman	171	.....	1	3	112

17. PATHOLOGY

Residency programs in the following hospitals have been approved by the Council and the American Board of Pathology. Services which have been evaluated on the basis of training in the two categories, pathologic anatomy and clinical pathology, are designated as follows: a—pathologic anatomy only; c—clinical pathology only; p—pathologic anatomy and clinical pathology. Training in hospitals which are not so designated in this list will be evaluated by the Board on an individual basis at the time of application for certification.

Hospitals, 605; Assistant Residencies and Residencies, 2,109

Name of Hospital	Location	Chief of Service	Number of Autopsies	Number of Surgical Specimens	Number Examined Microscopically	Total Number of Laboratory Examinations	First Year Residences Offered [5]	Total Residences Offered [5]	Length of Approved Program (Years)	Beginning Stipend (Month)
FEDERAL										
UNITED STATES ARMY										
Letterman Army Hospital [1]	San Francisco	N. S. Irey	258	6,982	6,790	562,636	2	8	4p	...
Fitzsimons Army Hospital [1]	Denver	H. A. VanAuken	275	4,855	4,855	574,062	2	8	4p	...
Armed Forces Institute of Pathology [1-3]	Washington, D. C.	E. W. Goodpasture	16,593	27,704	28,455	.....	..	20	1a	...
Army Medical Center [1-3]	Washington, D. C.	C. J. Lind-H. Sprinz	335	6,527	6,527	835,378	3	12	4p	...
Brooke Army Hospital [1-3]	San Antonio, Texas	G. J. Matt	404	6,349	6,349	839,412	2	8	4p	...
Tripler Army Hospital [1]	Honolulu, T. H.	H. E. Shuey	193	6,201	6,201	491,403	1	4	4p	...
UNITED STATES NAVY										
U. S. Naval Hospital [1-3]	Oakland, Calif.	H. V. O'Connell	165	5,971	5,374	142,022	1	2	4p	...
U. S. Naval Hospital [1]	San Diego, Calif.	J. S. Shaver	475	7,401	7,401	594,152	2	5	4a	...
U. S. Naval Hospital	Bethesda, Md.	V. E. Martens	246	10,711	10,711	321,943	1	4	4p	...
U. S. Naval Hospital	St. Albans, N. Y.	S. S. Sarkisian	140	7,177	20,800	262,049	1	3	3p	...
U. S. Naval Hospital [1-3]	Philadelphia	B. H. Smith, Jr.	128	3,918	3,918	253,837	1	2	4p	...
UNITED STATES PUBLIC HEALTH SERVICE										
U. S. Public Health Service Hospital [1-3]	New Orleans	W. M. Monroe	132	5,304	4,681	144,720	1	2	3p	...
U. S. Public Health Service Hospital [1-3]	Baltimore	J. A. Smith	86	3,442	3,087	148,987	1	4	4p	...
National Institutes of Health-Clinical Center [1-3]	Bethesda, Md.	G. Z. Williams-H. Stewart	139	1,703	1,703	164,522	4	4	3c	...
U. S. Public Health Service Hospital [1-3]	Staten Island, N. Y.	T. L. Perrin	98	4,134	3,530	212,211	1	4	4p	...
U. S. Public Health Service Hospital [1-414]	Seattle	C. S. Powell	130	3,752	3,390	103,289	..	2	3p	...
VETERANS ADMINISTRATION										
Veterans Admin. Hospital [1-3]	Birmingham, Ala.	(See University of Alabama Medical Center)								
Veterans Admin. Hospital [1-3]	Little Rock, Ark.	A. Nettleship	153	.....	.....	.....	..	4	1a	...
Veterans Admin. Hospital [1-3]	Long Beach, Calif.	B. E. Konwaler	516	4,276	4,276	496,600	2	6	4p	...
Veterans Admin. Hospital [1-3-33]	Los Angeles	B. Fishkin	1,092	6,958	6,958	696,918	4	12	3p	...
Veterans Admin. Hospital	Oakland, Calif.	B. Gersti	363	.....	.....	.....	..	4	3p	...
Veterans Admin. Hospital [1]	San Francisco	J. B. Frerichs-T. Feichtmeir	193	6,470	3,300	190,045	2	4	3p	...
Veterans Admin. Hospital [1-3-88]	Denver	E. H. Valentine	209	1,829	1,649	167,155	2	4	4p	...
Veterans Admin. Hospital—Newington Division [1-3]	West Haven, Conn.	R. G. Olivetti	81	.....	.....	125,294	1	1	2p	...
Veterans Admin. Hospital—West Haven Division [1-3-75]	West Haven, Conn.	R. Yesner	102	1,432	1,157	173,815	1	2	2p	...
Veterans Admin. Hospital [1-3-84]	Washington, D. C.	J. S. Howe	201	1,799	1,799	156,923	1	4	4p	...
Veterans Admin. Hospital [1-88]	Coral Gables, Fla.	R. V. Thomson	292	2,223	2,223	119,137	1	4	4p	...
Veterans Admin. Hospital [1-3]	Atlanta, Ga.	J. Mendeloff	125	1,558	1,558	179,371	1	1	4p	...
Veterans Admin. Research Hospital [1]	Chicago	(See Northwestern University Medical Center)								
Veterans Admin. Hospital [1]	Hines, Ill.	K. Costich	550	4,708	4,708	632,400	..	2	4p	...

Numerical and other references will be found on pages 387 through 390.

17. PATHOLOGY—Continued

Name of Hospital	Location	Chief of Service	Number of Autopsies	Number of Surgical Specimens	Number Examined Microscopically	Total Number of Laboratory Examinations	First Year Residencies Offered [4]	Total Residencies Offered [4]	Length of Approved Program (Years)	Beginning Stipend (Month)
FEDERAL										
Veterans Admin. Hospital [1]	Indianapolis	(See Indiana University Medical Center)								
Veterans Admin. Hospital [1-130]	Des Moines, Iowa	T. E. Corcoran	135	2,272	2,272	158,219	1	4	4P	...
Veterans Admin. Hospital [1-8]	Iowa City	K. R. Cross	167	2,134	2,104	147,520	..	2	4P	...
Veterans Admin. Hospital [1-8]	Wadsworth, Kan.	P. E. Garber	227	1,514	1,360	112,577	2	4	4P	...
Veterans Admin. Hospital [1-8]	Louisville, Ky.	H. Gordon	166	2,164	2,153	121,773	1	3	3P	...
Veterans Admin. Hospital [1-8-146]	New Orleans	J. Ziskind	199	2,117	2,112	150,013	1	3	3P	...
Veterans Admin. Hospital [1-8]	Boston (Jamaica Plain)	J. D. Houghton	349	3,720	3,720	451,226	2	3	3P	...
Veterans Admin. Hospital [1-8]	West Roxbury, Mass.	I. Gore	73	1,178	1,113	112,853	1	1	2P	...
Veterans Admin. Hospital [1-8-102-102]	Dearborn, Mich.	(See Wayne University Affiliated Hospitals)								
Veterans Admin. Hospital [1-8-208]	Minneapolis	D. F. Gleason	356	6,548	6,221	325,267	4	4	4P	...
Veterans Admin. Hospital [1-219]	Kansas City, Mo.	J. A. Turner	187	2,930	2,903	269,184	2	4	4P	...
Veterans Admin. Hospital [1-8]	St. Louis	J. M. Burnett	217	6,349	6,349	152,354	2	4	1[a]	...
Veterans Admin. Hospital [1-8]	Omaha	T. R. Cajigas	132	.....	.....	.....	..	4	3[a]	...
Veterans Admin. Hospital [1-8]	East Orange, N. J.	O. Auerbach	236	1,791	1,791	328,132	1	3	3[a]	...
Veterans Admin. Hospital [1-8]	Albuquerque, N. M.	W. Hentel	117	1,642	1,594	205,475	1	1	1[a]	...
Veterans Admin. Hospital [1-8]	Albany, N. Y.	T. S. Beecher	243	2,014	2,014	202,351	2	2	3P	...
Veterans Admin. Hospital [1-8]	Buffalo	T. T. Bronk	184	2,251	2,100	208,550	1	2	3P	...
Veterans Admin. Hospital [1-8]	New York City (Bronx)	B. S. Gordon	364	4,137	4,137	153,535	3	7	3P	...
Veterans Admin. Hospital [1]	Syracuse, N. Y.	J. A. Schaefer	126	.....	.....	.....	..	3	2[a]	...
Veterans Admin. Hospital [1-8]	Durham, N. C.	R. D. Baker	145	2,642	2,642	169,140	..	5	4P	...
Veterans Admin. Hospital [1]	Oteen, N. C.	O. Kanner	144	1,781	1,781	290,378	1	1	1P	...
Veterans Admin. Hospital [1-8]	Cleveland	J. R. Kahn	246	4,009	3,300	280,219	1	4	1[a]	...
Veterans Admin. Hospital	Dayton, Ohio	G. W. Knabe	325	1,761	2,790	168,883	1	4	3P	...
Veterans Admin. Hospital [1-8]	Philadelphia	A. L. Pietroluongo	287	2,035	2,035	198,451	1	4	4P	...
Veterans Admin. Hospital [1]	Pittsburgh	E. R. Fisher	306	2,400	2,400	240,000	2	6	3P	...
Veterans Admin. Hospital [1-8]	Memphis, Tenn.	J. M. Young	291	4,415	3,790	377,190	1	1	3P	...
Veterans Admin. Hospital [1]	Nashville, Tenn.	S. H. Auerbach	112	1,636	1,471	182,117	1	1	2P	...
Veterans Admin. Hospital [1-8]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)								
Veterans Admin. Hospital [1-8]	McKinney, Texas	B. E. McCain	146	3,075	3,187	177,517	2	2	4P	...
Veterans Admin. Hospital	Salt Lake City	O. N. Rambo, Jr.	83	991	783	75,708	2	2	1[a]	...
Veterans Admin. Hospital [1-8]	White River Jct., Vt.	R. E. Miller	67	991	744	72,338	1	1	1P	...
Veterans Admin. Hospital [1-8]	Richmond, Va.	J. R. Kriz	177	2,391	2,133	228,900	1	2	2P	...
Veterans Admin. Hospital [1-8]	Seattle	D. V. Brown	184	1,589	4,781	83,302	1	3	3P	...
Veterans Admin. Hospital [1-8]	Martinsburg, W. Va.	R. G. Gottschalk	128	1,349	1,051	198,414	1	2	2P	...
Veterans Admin. Hospital [1-8]	Milwaukee (Wood)	J. Lubitz	431	2,486	2,303	262,919	4	6	4P	...
NONFEDERAL										
Birmingham Baptist Hospital [1-8]	Birmingham, Ala.	A. E. Casey	183	8,435	8,435	352,535	1	4	4P	300
Carraway Methodist Hospital [1-8]	Birmingham, Ala.	J. Cunningham-B. Bishop	55	4,967	4,967	126,994	1	4	4P	250
University of Alabama Medical Center University Hospital and Hillman Clinic [1-8-11]	Birmingham, Ala.	J. F. A. McManus	334	6,194	6,194	272,150	2	8	4[a]	108
Veterans Admin. Hospital [1-8]	Birmingham, Ala.	B. M. Hathaway	138	1,494	2,403	171,674	..	2	3[a]	...
Lloyd Noland Hospital [1-8]	Fairfield, Ala.	W. F. Scott, Jr.	70	1,972	1,971	167,187	1	1	1[a]	225
Mobile City Hospital [1-8]	Mobile, Ala.	E. B. Wert	176	1,205	2,410	93,470	1	1	3[a]	300
Good Samaritan Hospital [1]	Phoenix, Ariz.	J. D. Barger	131	.....	.....	.....	..	2	2P	250
Maricopa County General Hospital [1-8]	Phoenix, Ariz.	M. Rosenthal	190	1,549	1,472	117,977	1	1	2[a]	300
Arkansas Baptist Hospital	Little Rock, Ark.	E. L. Wilbur	106	6,233	4,606	102,002	..	..	2[a]	250
University Hospital [1]	Little Rock, Ark.	A. Nettleship	398	7,922	6,642	.....	2	7	3[a]	145
Kern General Hospital [1]	Bakersfield, Calif.	R. W. Huntington, Jr.	280	2,901	2,791	172,037	1	3	4P	325
Herrick Memorial Hospital [1-8]	Berkeley, Calif.	H. R. Fishback	199	3,706	3,246	88,987	1	3	4P	175
St. Joseph Hospital [1-8]	Burbank, Calif.	R. Straus	130	5,693	3,586	133,384	1	2	2[a]	200
City of Hope Medical Center	Duarte, Calif.	F. S. Preuss	189	3,550	3,525	85,046	1	2	1[a]	300
San Joaquin General Hospital	French Camp, Calif.	H. J. Schneider	342	2,542	2,114	145,155	2	2	3[a]	260
Glendale Sanitarium and Hospital [1]	Glendale, Calif.	A. F. Brown	177	4,030	3,225	92,775	1	4	4P	200
Loma Linda Sanitarium and Hospital	Loma Linda, Calif.	O. B. Pratt	192	3,255	3,200	85,000	3	9	4P	221
Seaside Memorial Hospital [1-8]	Long Beach, Calif.	J. A. Tuta	128	6,298	5,065	164,778	1	3	2P	156
California Hospital [1-8]	Los Angeles	A. Wright	210	5,895	4,695	150,594	1	2	4P	150
Cedars of Lebanon Hospital [1-8]	Los Angeles, Calif.	N. B. Friedman	302	7,225	7,094	169,290	2	5	4P	175
Children's Hospital	Los Angeles	R. S. Cleland	240	817	805	135,422	..	2	1[a]	100
Hospital of the Good Samaritan [1-8]	Los Angeles	L. J. Tragerman	184	6,090	4,529	159,951	2	2	4P	200
Los Angeles County Hospital [1]	Los Angeles	E. M. Butt	2,100	17,895	15,316	710,126	2	6	4P	246
Queen of Angels Hospital [1-8]	Los Angeles	A. R. Camero	285	5,620	4,792	178,904	1	4	4P	175
St. Vincent's Hospital [8]	Los Angeles	J. E. Kahler	84	3,990	3,080	47,595	1	2	2P	225
University of California Medical Center [1-8]	Los Angeles	S. C. Madden	110	1,476	1,472	.....	..	4	4P	259
White Memorial Hospital [1-8]	Los Angeles	O. B. Pratt	213	5,558	5,558	237,487	2	4	4P	151
Highland-Alameda County Hospital [1-8]	Oakland, Calif.	R. J. Parsons	285	4,486	3,600	145,986	1	4	3[a]	195
Kaiser Foundation Hospital [1-8]	Oakland, Calif.	M. Friedman	388	13,407	11,036	286,147	2	5	4P	245
Samuel Merritt Hospital [1]	Oakland, Calif.	C. P. Baker	139	.....	.....	.....	..	..	4P	187.50
Collis P. and Howard Huntington Memorial Hospital [1-8]	Pasadena, Calif.	D. S. Shillam	242	9,809	8,575	217,113	1	4	4P	240
Sacramento County Hospital [1-8]	Sacramento, Calif.	F. S. Preuss	532	2,322	1,852	292,025	2	2	4P	300
San Bernardino County Charity Hospital	San Bernardino, Calif.	J. D. Kirshbaum	318	2,200	1,738	111,254	2	2	2[a]	100
Mercy Hospital [1]	San Diego, Calif.	D. A. DeSanto	215	6,925	6,282	177,067	1	4	4P	200
San Diego County General Hospital [1-8]	San Diego, Calif.	L. Palmer	269	2,064	1,628	114,693	1	4	4P	150
Franklin Hospital [1-8]	San Francisco	J. L. Carr	78	5,681	2,925	39,784	1	1	2P	200
French Hospital [1-8]	San Francisco	G. A. Watson	88	2,860	2,200	76,828	1	2	1[a]	150
Kaiser Foundation Hospital [1-8]	San Francisco	M. Friedman	97	.....	.....	.....	1	1	2[a]	175
Mount Zion Hospital [1-8]	San Francisco	G. R. Biskind	202	.....	4,117	138,436	1	4	4P	150
St. Francis Memorial Hospital [1-8]	San Francisco	J. L. Zundell	125	6,378	4,025	76,172	1	1	4P	300
St. Luke's Hospital [1-8]	San Francisco	M. B. Black	122	4,727	2,891	110,650	2	2	2P	200
St. Mary's Hospital [1-8]	San Francisco	A. Moody	131	6,139	4,466	131,024	..	..	4P	...
San Francisco Hospital Stanford University Service [1-8]	San Francisco	A. J. Cox, Jr.	277	1,333	1,333	1,333	2	4	3[a]	195
University of California Service [1-8]	San Francisco	J. S. Wellington	517	1,089	1,089	1,089	2	4	3[a]	195
Stanford University Hospitals [1-8]	San Francisco	A. J. Cox, Jr.	176	3,257	3,257	84,548	1	4	4P	80
University of California Hospital [1-8]	San Francisco	H. D. Moon	197	4,354	4,354	87,025	2	5	4P	200
O'Connor Hospital [1-8]	San Jose, Calif.	L. R. Grams	145	4,805	3,491	126,699	..	2	2P	300
Santa Clara County Hospital [1]	San Jose, Calif.	D. L. Alcot	333	2,409	2,409	243,631	4	4	4P	200
Community Hospital of San Mateo County	San Mateo, Calif.	R. Holmes	500	1,127	987	77,363	..	..	2[a]	500
Santa Barbara Cottage Hospital [1-8]	Santa Barbara, Calif.	E. L. Benjamin	120	3,023	2,702	48,014	1	3	2[a]	200
St. John's Hospital	Santa Monica, Calif.	G. J. Hummer	168	4,752	3,836	138,495	4	4	2[a]	200
Harbor General Hospital [1-8]	Torrance, Calif.	S. Madden	526	3,646	3,589	282,343	2	8	4P	246
Glockner-Penrose Hospital [1-8]	Colorado Springs, Colo.	M. Berthrong	161	2,923	2,876	71,283	1	2	2[a]	200
Children's Hospital [1-8]	Denver	E. C. Beatty, Jr.	135	576	573	128,933	1	4	4P	150
General Rose Memorial Hospital [1-8]	Denver	K. Neubuerger	155	5,155	4,015	97,813	1	2	3[a]	250
Mercy Hospital [1-8]	Denver	E. Hildebrand	101	4,193	3,904	50,045	1	1	2P	250
Porter Sanitarium and Hospital	Denver	W. T. Wikle	93	3,067	2,534	65,750	..	2	1[a]	150
Presbyterian Hospital [1-8]	Denver	A. E. Lubchenco	137	3,598	2,839	66,553	1	2	2[a]	225
St. Joseph's Hospital [1-8]	Denver	S. M. Ashe	194	6,230	6,230	80,303	1	3	4P	200
St. Luke's Hospital [1-8-54]	Denver	W. C. Black	282	10,290	6,228	150,955	1	4	4P	175

Numerical and other references will be found on pages 387 through 390.

17. PATHOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Number of Autopsies	Number of Surgical Specimens	Number Examined Microscopically	Total Number of Laboratory Examinations	First Year Residencies Offered [5]	Total Residencies Offered [5]	Length of Approved Program (Years)	Beginning Stipend (Month)
University of Colorado Medical Center [462]										
Colorado General Hospital [1-3]	Denver	J. B. McNaught-J. H. Holmes	347	3,633	3,631	209,217	3	7	4P	160
Denver General Hospital [1-3]	Denver	W. White	756	3,141	3,141	301,401	..	..	4P	240
Colorado State Hospital [1-3-60]	Pueblo, Colo.	M. Gallavan	206	746	746	73,913	1	4	4P	415
Bridgeport Hospital [1-3]	Bridgeport, Conn.	I. B. Akerson	211	4,124	4,007	168,960	1	2	2P	275
St. Vincent's Hospital	Bridgeport, Conn.	A. M. Ginzler	228	4,576	3,825	189,934	1	2	3P	300
Danbury Hospital [1-3]	Danbury, Conn.	W. N. Whittlesey	88	3,569	1,370	73,903	1	1	1P	200
Greenwich Hospital [1-3]	Greenwich, Conn.	J. S. Morris	144	3,429	3,000	67,395	1	2	2P	150
Hartford Hospital [1-3-63]	Hartford, Conn.	R. E. Kendall	579	11,709	11,209	248,893	1	4	4P	160
St. Francis Hospital [1-3]	Hartford, Conn.	L. P. Hastings	278	6,972	6,345	226,294	2	5	4P	125
Meriden Hospital	Meriden, Conn.	R. Katzenstein	126	3,246	2,606	118,001	2	2	2P	160
Middlesex Hospital [1-3]	Middletown, Conn.	C. E. McLeod	132	2,619	1,973	74,914	1	1	2P	170
New Britain General Hospital [1-3]	New Britain, Conn.	P. D. Rosahn	195	5,316	3,996	141,136	1	4	4P	240
Grace-New Haven Community Hospital [1-3]	New Haven, Conn.	A. A. Liebow	553	3,450	3,403	270,563	1	2	4P	50
Hospital of St. Raphael [3]	New Haven, Conn.	R. Nesbit	197	5,142	4,452	117,719	1	4	4P	125
Norwalk Hospital [1-3]	Norwalk, Conn.	R. N. Barnett	212	2,868	2,768	122,673	2	2	4P	160
Stamford Hospital [1-3]	Stamford, Conn.	W. M Layton, Jr.	149	3,337	3,154	144,872	4	4	4P	150
St. Mary's Hospital [1-3]	Waterbury, Conn.	M. E. Cox	149	4,731	3,071	172,895	1	3	3P	225
Waterbury Hospital [1]	Waterbury, Conn.	J. O. Collins	238	4,346	7,663	152,971	1	4	4P	225
Delaware Hospital [1-3]	Wilmington, Del.	J. W. Howard	304	5,469	5,219	226,002	1	4	4P	180
Memorial Hospital [1-3]	Wilmington, Del.	J. W. Abbiss	179	3,920	3,920	92,427	1	2	4P	185
Wilmington General Hospital [1-3]	Wilmington, Del.	J. V. Casella	76	2,012	2,012	110,067	1	1	1P	270
Central Dispensary and Emergency Hospital [1-3-462]	Washington, D. C.	F. W. Konzelmann	141	5,231	5,231	120,707	1	4	4P	225
Children's Hospital [1-3]	Washington, D. C.	E. C. Rice	107	1,480	1,480	154,778	2	3	2P	100
District of Columbia General Hospital [1-3]	Washington, D. C.	D. Weiss	650	4,416	4,416	249,518	2	6	4P	153
Doctors Hospital [1-3]	Washington, D. C.	O. B. Hunter, Jr.	168	7,209	6,571	220,312	1	3	4P	150
Garfield Memorial Hospital [1-3-462]	Washington, D. C.	E. C. Rice	260	4,909	4,347	129,034	1	3	4P	210
Georgetown University Hospital	Washington, D. C.	C. F. Geschickter	280	4,556	4,556	260,000	8	13	4P	160
George Washington University Hospital [1-3]	Washington, D. C.	T. M. Peery	302	6,944	6,895	244,746	2	2	4P	140
Providence Hospital [1-3]	Washington, D. C.	K. McCoy	197	5,398	5,368	142,714	1	4	4P	340
Sibley Memorial Hospital [1-3]	Washington, D. C.	O. B. Hunter, Jr.	134	4,793	4,397	97,851	1	2	4P	260
Duval Medical Center [1-3]	Jacksonville, Fla.	J. W. Eversole	205	3,702	3,462	157,427	1	2	2P	150
St. Vincent's Hospital [1-3]	Jacksonville, Fla.	M. C. Wharton	161	4,582	3,151	111,049	1	4	4P	225
Jackson Memorial Hospital [1-3]	Miami, Fla.	W. A. D. Anderson	479	15,096	7,767	380,252	5	15	4P	75
Mount Sinai Hospital of Greater Miami [1-3]	Miami Beach, Fla.	M. Lev	194	2,721	2,420	141,811	2	5	4P	250
St. Francis Hospital [1-3]	Miami Beach, Fla.	R. J. Poppiti	190	2,760	2,760	75,986	1	1	2P	200
Orange Memorial Hospital [1-3]	Orlando, Fla.	W. A. Derrick	214	.....	.....	97,615	..	..	3P	....
Crawford W. Long Memorial Hospital [1-3]	Atlanta, Ga.	D. Ayer	247	6,445	5,786	108,276	2	5	4P	150
Georgia Baptist Hospital [1]	Atlanta, Ga.	G. L. Forbes, Jr.	271	5,850	5,850	179,602	1	2	2P	200
Grady Memorial Hospital [1]	Atlanta, Ga.	R. Hausman	562	7,115	7,115	263,408	5	10	4P	50
Piedmont Hospital [1]	Atlanta, Ga.	R. Vincenzi	44	1,602	1,002	57,300	1	3	3P	250
St. Joseph's Infirmary [1-3]	Atlanta, Ga.	J. T. Godwin	142	4,484	4,453	136,203	1	3	3P	200
University Hospital [1]	Augusta, Ga.	M. Ihnen	142	4,842	4,358	160,000	1	2	3P	200
Emory University Hospital	Emory University, Ga.	W. H. Sheldon	217	6,327	6,327	119,872	1	4	4P	100
Alexian Brothers Hospital [3]	Chicago	J. P. Simonds	132	1,625	1,106	69,945	1	1	1P	150
American Hospital [1-3]	Chicago	W. F. Eisenstaedt	95	1,904	1,809	64,759	2	2	1P	60
Augustana Hospital [1-3]	Chicago	G. Milles	201	3,150	2,849	98,247	1	4	4P	150
Children's Memorial Hospital [1-3]	Chicago	J. D. Boggs	117	1,115	1,115	88,815	2	2	1P	75
Cook County Hospital [1-3]	Chicago	H. Popper	1,780	10,181	9,476	577,222	4	10	4P	75
Englewood Hospital [3]	Chicago	G. T. Rich	91	3,462	1,709	68,906	1	1	1P	200
Grant Hospital [1]	Chicago	J. C. Sherrick	131	685	2,563	95,000	1	1	3P	225
Illinois Masonic Hospital [1-3]	Chicago	L. S. King	217	3,374	3,233	178,903	1	1	4P	115
Mercy Hospital [1-3]	Chicago	J. H. Peers	162	4,692	3,795	111,280	1	3	4P	160
Michael Reese Hospital [1-3]	Chicago	O. Saphir	402	6,358	6,358	473,364	2	7	4P	125
Mount Sinai Hospital [1-3]	Chicago	I. Davidsohn-H. Rappaport	291	8,387	7,649	350,708	1	9	4P	100
Northwestern University Medical Center										
Chicago Wesley Memorial Hospital [1-3]	Chicago	T. C. Laipply	276	6,265	6,265	260,106	1	4	4P	75
Passavant Memorial Hospital	Chicago	W. B. Wartman-M. Wheelock	109	3,300	3,300	136,466	1	3	4P	50
Veterans Admin. Research Hospital [1]	Chicago	E. Cheatle	166	1,174	1,174	92,426	2	4	1P	....
Evanston Hospital [1-3]	Evanston, Ill.	H. A. Teloh	262	3,818	3,818	182,145	1	3	4P	225
Norwegian American Hospital [1-3]	Chicago	A. Learner	84	3,192	2,118	81,474	1	1	1P	225
Presbyterian Hospital [1]	Chicago	G. M. Hass	243	5,133	5,133	235,558	2	5	3P	125
Ravenswood Hospital [1-3]	Chicago	L. R. Ferraro	169	2,609	2,550	106,102	2	2	2P	100
St. Anne's Hospital	Chicago	J. B. Hartney	152	5,312	2,961	157,819	1	4	4P	240
St. Joseph Hospital [1-3]	Chicago	G. Stevenson	106	3,011	2,787	82,541	1	4	2P	240
St. Luke's Hospital [1-4]	Chicago	E. F. Hirsch	262	7,371	6,760	315,481	1	4	4P	75
St. Mary of Nazareth Hospital [1-3]	Chicago	M. C. Godwin	134	3,358	2,473	167,851	1	1	1P	140
University of Chicago Clinics [1-3]	Chicago	P. R. Cannon	374	6,068	5,797	384,727	1	4	4P	200
University of Illinois Research and Educational Hospitals [1-3]	Chicago	C. A. Krakower	225	6,657	6,657	442,045	1	6	4P	200
St. Francis Hospital [1]	Evanston, Ill.	J. W. Henry	244	5,776	4,712	190,097	1	4	4P	175
Methodist Hospital of Central Illinois [3]	Peoria, Ill.	H. I. Brown	160	6,363	4,784	105,446	1	1	4P	200
St. Francis Hospital [1-3]	Peoria, Ill.	J. R. Kraft-E. P. Elzi	206	5,285	3,993	142,981	1	4	4P	225
Rockford Memorial Hospital [1-3]	Rockford, Ill.	M. O. Alexander	163	3,369	2,811	123,865	1	4	4P	240
St. Anthony Hospital [1-3]	Rockford, Ill.	A. R. K. Matthews	115	4,043	3,812	86,118	1	2	4P	200
St. Joseph's Hospital [1-3]	Fort Wayne, Ind.	L. A. Schneider	296	5,034	4,348	116,809	2	4	4P	240
Methodist Hospital [1-3]	Gary, Ind.	R. A. Burger	190	3,393	3,198	112,619	1	3	3P	200
Indianapolis General Hospital [1-3]	Indianapolis	P. Evans	512	3,004	2,968	154,125	1	4	4P	265
Indiana University Medical Center										
Indiana University Medical Center Hospital [1]	Indianapolis	E. Smith	421	8,238	8,225	264,272	4	10	4P	175
Veterans Admin. Hospital [1]	Indianapolis	D. Rosenbaum	229	1,889	1,889	181,903	..	..	3P	....
Methodist Hospital [1-3]	Indianapolis	H. M Banks	258	22,269	17,461	473,519	2	5	4P	278
St. Vincent's Hospital [1-3-127]	Indianapolis	L. N. Foster	172	15,361	3,809	182,733	1	2	4P	275
St. Elizabeth Hospital [1]	Lafayette, Ind.	W. L. Marsh	112	7 941	3,774	129,639	2	4	2P	225
Ball Memorial Hospital [1]	Muncie, Ind.	L. G. Montgomery	237	5,136	3,879	146,501	1	4	4P	250
South Bend Medical Foundation Hospitals [1]	South Bend, Ind.	C. S. Culbertson	310	13,419	9,626	280,000	2	5	4P	300
Elkhart General Hospital	Elkhart, Ind.									
St. Joseph Hospital	Mishawaka, Ind.									
Memorial Hospital	South Bend, Ind.									
St. Joseph's Hospital	South Bend, Ind.									
St. Luke's Methodist Hospital	Cedar Rapids, Iowa	F. C. Tucker	179	5,280	4,000	124,473	1	2	3P	250
Iowa Methodist Hospital [1-3]	Des Moines, Iowa	J. Green	196	4,565	3,748	167,702	1	3	2P	175
Mercy Hospital [1-3]	Des Moines, Iowa	F. C. Coleman	187	3,958	3,958	130,352	1	4	4P	300
State University of Iowa Hospitals [1-3]	Iowa City	E. D. Warner	514	5,985	5,985	129,087	2	4	3P	208
University of Kansas Medical Center [1-3]	Kansas City, Kan.	R. Stowell	421	8,814	8,689	268,178	3	10	4P	125
St. Francis Hospital [1-3]	Wichita, Kan.	W. P. Callahan, Jr.	268	9,540	9,540	314,489	1	4	4P	275
Wesley Hospital [1-3]	Wichita, Kan.	B. E. Stofer	168	5,821	4,689	103,620	1	1	1P	175
Wichita-St. Joseph Hospital [1]	Wichita, Kan.	W. J. Reals	127	.....	.....	.....	..	2	2P	300

Numerical and other references will be found on pages 387 through 390.

17. PATHOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Number of Autopsies	Number of Surgical Specimens	Number Examined Microscopically	Total Number of Laboratory Examinations	First Year Residencies Offered	Total Residencies Offered	Length of Approved Program (Years)	Beginning Stipend (Month)
Children's Hospital [1-3]	Louisville, Ky.	I. Diamond	150	1,050	776	76,129	1	3	1[p]	83
Louisville General Hospital [1-3]	Louisville, Ky.	W. M. Christopherson	377	2,848	2,820	190,985	1	3	4[p]	153
Baton Rouge General Hospital [1]	Baton Rouge, La.	S. Colvin, Jr.-W. S. Randall, Jr.	109	4,434	4,434	143,936	1	1	1[p]	300
Charity Hospital of Louisiana [1]	New Orleans	E. Moss	1,824	17,204	17,204	736,231	6	12	4[p]	100
Hotel Dieu-Sisters Hospital [1]	New Orleans	R. M. Hartwell	103	7,638	7,638	175,486	1	4	3[p]	225
Southern Baptist Hospital [1-3]	New Orleans	E. H. Lawson	169	12,210	12,210	431,500	1	4	4[p]	225
Touro Infirmary [1]	New Orleans	A. J. Hertzog	210	6,954	14,761	225,984	1	3	4[p]	125
Confederate Memorial Medical Center [1]	Shreveport, La.	W. R. Mathews	274	6,088	6,088	284,157	1	3	4[p]	125
Eastern Maine General Hospital [1-3]	Bangor, Maine	R. C. Wadsworth	144	6,271	5,554	150,028	1	2	4[p]	100
Central Maine General Hospital [1]	Lewiston, Maine	C. F. Branch	210	5,382	5,382	85,468	1	1	4[p]	225
Maine General Hospital [1]	Portland, Maine	J. E. Porter	153	5,047	4,205	153,514	1	4	4[p]	100
Baltimore City Hospitals [1-3]	Baltimore	A. D. Pollack	385	2,034	2,034	139,861	4	6	3[a]	50
Johns Hopkins Hospital [1-3]	Baltimore	A. R. Rich	573	6,153	6,153	278,972	4	5	3[a]	25
Lutheran Hospital [1-3]	Baltimore	J. A. Wagner	110	3,630	3,630	104,060	..	1	1[a]	230
Maryland General Hospital and Hospital for Women [1-3]	Baltimore	R. S. Fisher-W. V. Lovitt, Jr.	195	5,122	5,122	140,509	1	2	1[a]	225
Mercy Hospital [1-3]	Baltimore	C. G. Warner	172	4,902	3,491	470,174	..	1	3[a]	275
Sinai Hospital [1-3]	Baltimore	T. Weinberg	180	9,367	9,367	222,519	2	5	4[p]	110
Union Memorial Hospital [1-3]	Baltimore	W. C. Merkel	174	5,468	5,468	130,086	1	2	4[p]	215
University Hospital [1-3]	Baltimore	H. R. Spencer	312	6,146	.....	337,630	1	3	3[a]	75
Prince George's General Hospital	Cheverly, Md.	J. C. Burns	79	2,490	2,297	68,646	2	2	2[p]	200
Beverly Hospital	Beverly, Mass.	D. E. Brown-R. Fienberg	127	1,771	1,771	88,360	2	2	3[p]	100
Beth Israel Hospital [1-3]	Boston	D. G. Freiman	200	4,802	4,363	186,599	1	4	3[a]	42
Boston City Hospital [1-3]	Boston	G. K. Mallory	1,109	6,242	6,242	51,671	3	12	4[p]	112
Boston Lying-In Hospital [1]	Boston	D. McKay	102	2,174	2,174	75,954	1	2	1[p]	75
Carney Hospital [1-3]	Boston	M. W. Shapiro	111	3,780	3,780	130,551	1	4	2[a]	150
Children's Medical Center [1-3]	Boston	S. Farber	269	1,971	1,971	72,371	2	4	1[a]	50
Faulkner Hospital [1-3]	Boston	P. M. LeCompte	121	2,593	2,000	59,101	1	1	2[p]	150
Lemuel Shattuck Hospital [1]	Boston	H. J. C. MacMillan	...	.....	.....	.....	..	1	1[p]	250
Massachusetts General Hospital [1-3]	Boston	B. Castleman	676	11,609	11,609	12,515	3	9	4[p]	67
Massachusetts Memorial Hospitals [1-3]	Boston	S. Sommers	169	4,080	4,080	148,312	2	3	2[p]	50
New England Center Hospital [1-3]	Boston	H. E. MacMahon	148	3,235	3,200	156,837	..	4	2[a]	100
New England Deaconess Hospital	Boston	S. Warren	255	7,599	7,599	176,629	10	10	4[p]	135
Peter Bent Brigham Hospital [1-3-188]	Boston	G. J. Dammin	327	3,123	3,123	185,854	..	5	4[p]	25
St. Elizabeth's Hospital [1-3]	Boston	J. H. Graham	165	6,851	6,251	132,821	1	2	3[a]	125
Cambridge City Hospital [1]	Cambridge, Mass.	C. W. Jones	145	2,131	.....	49,160	1	2	2[a]	125
Mount Auburn Hospital [1-3]	Cambridge, Mass.	H. E. MacMahon	140	2,582	3,564	102,002	1	1	2[a]	125
Truesdale Hospital [1-3-190]	Fall River, Mass.	W. Freeman	180	5,075	4,391	222,402	1	1	1[a]	150
Burbank Hospital [1]	Fitchburg, Mass.	H. J. Sparling, Jr.	91	3,174	3,174	78,868	1	1	1[p]	200
Lawrence General Hospital [1-3]	Lawrence, Mass.	L. S. Jolliffe	160	1,469	1,469	96,400	1	4	3[p]	175
Lowell General Hospital [1-3]	Lowell, Mass.	J. Y. Rodger	90	1,590	1,566	81,552	1	1	1[a]	...
Lynn Hospital [1-3]	Lynn, Mass.	H. G. Olken	119	4,138	4,138	120,676	1	1	1[p]	150
Malden Hospital [1-3]	Malden, Mass.	M. V. MacKenzie	111	2,490	2,490	172,882	1	1	2[p]	175
St. Luke's Hospital [1-3]	New Bedford, Mass.	V. Klarsis	121	4,479	3,275	210,182	1	3	2[a]	200
Newton-Wellesley Hospital [1-3]	Newton, Mass.	D. Skinner	116	5,252	3,318	117,623	1	4	2[p]	170
Quincy City Hospital [1-3]	Quincy, Mass.	R. B. Street, Jr.	153	2,322	2,297	103,310	2	5	4[p]	163
Salem Hospital [1-3]	Salem, Mass.	D. A. Nickerson	293	8,098	8,098	115,091	1	4	4[p]	125
Springfield Hospital [1-3]	Springfield, Mass.	W. Kaufmann	263	5,447	5,447	144,201	1	3	2[a]	175
Pondville Hospital [1]	Walpole, Mass.	S. Warren	121	1,614	1,614	38,112	..	2	1[p]	490
Worcester City Hospital [1]	Worcester, Mass.	W. F. MacGillivray	227	2,681	2,500	115,805	..	2	3[p]	215
University Hospital [1-3]	Ann Arbor, Mich.	C. V. Weller	481	10,013	.....	277,756	4	16	4[p]	154
Leila Y. Post Montgomery Hospital [1-3]	Battle Creek, Mich.	A. A. Humphrey	130	9,894	9,300	65,146	1	1	1[a]	275
Grace Hospital [1-3]	Detroit	C. I. Owen	331	12,384	12,384	298,005	1	4	4[p]	275
Harper Hospital [1-3]	Detroit	P. F. Morse	305	6,781	6,781	26,149	1	4	4[p]	225
Henry Ford Hospital [1-3]	Detroit	R. C. Horn, Jr.	444	11,258	11,258	521,813	3	12	4[p]	225
Mount Carmel Mercy Hospital [1-3]	Detroit	L. W. Gardner	313	7,081	7,010	240,809	1	4	4[p]	225
Providence Hospital [1]	Detroit	D. H. Kaump	274	4,655	4,655	126,799	1	4	4[p]	275
Wayne University Affiliated Hospitals										
Veterans Admin. Hospital [1-3-193-198]	Dearborn, Mich.	M. W. Wilson	306	2,786	2,786	381,017	1	4	4[p]	...
Detroit Memorial Hospital [1-199]	Detroit	J. D. Langston	158	3,407	3,401	85,567	1	3	4[p]	275
Herman Kiefer Hospital [1-3]	Detroit	A. DeGroat	221	1,746	1,746	783,479	2	2	1[p]	279
Receiving Hospital [1-3-200]	Detroit	O. A. Brines	708	7,924	7,924	556,743	5	8	4[p]	200
Sinai Hospital [1-3]	Detroit	S. D. Kobernick	173	5,011	3,696	133,091	1	3	2[p]	275
Woman's Hospital [1-3]	Detroit	E. Jennings	146	4,245	4,065	120,690	1	1	1[a]	275
Wayne County General Hospital and Infirmary [1-3]	Eloise, Mich.	S. E. Gould	451	5,066	5,066	310,044	2	7	4[p]	300
Hurley Hospital [1-3]	Flint, Mich.	E. G. Murphy	457	7,983	3,445	140,927	1	1	1[a]	325
McLaren General Hospital [1]	Flint, Mich.	E. G. Murphy	113	3,559	3,579	3,559	1	1	1[a]	325
St. Joseph Hospital	Flint, Mich.	W. Wyatt	191	7,167	3,130	120,782	1	1	1[a]	400
Blodgett Memorial Hospital [1-3]	Grand Rapids, Mich.	C. A. Payne	276	7,538	7,538	127,379	1	4	4[p]	250
Butterworth Hospital [1-3]	Grand Rapids, Mich.	J. D. Mann	251	7,126	4,911	150,171	1	2	4[p]	225
St. Mary's Hospital [1-3]	Grand Rapids, Mich.	H. Bowman	170	4,205	2,621	132,336	1	1	1[a]	...
Edward W. Sparrow Hospital [1-3]	Lansing, Mich.	C. E. Black	192	8,803	8,803	112,664	1	4	3[a]	400
Pontiac General Hospital [1-3]	Pontiac, Mich.	J. J. Marra	183	4,329	3,943	134,171	1	1	1[p]	300
St. Joseph Mercy Hospital [1-3]	Pontiac, Mich.	R. E. Olsen	172	4,195	4,093	88,316	1	3	2[p]	325
Saginaw General Hospital [1-3]	Saginaw, Mich.	R. V. Bucklin	182	3,906	3,673	101,473	1	4	4[p]	325
St. Luke's Hospital [1-3]	Duluth, Minn.	A. H. Wells	374	8,709	8,300	251,507	1	4	4[p]	200
St. Mary's Hospital [1]	Duluth, Minn.	A. C. Aufderheide	283	3,820	3,760	237,300	1	4	4[p]	175
Minneapolis General Hospital [1-3]	Minneapolis	J. I. Coe	299	3,185	2,627	433,765	1	3	3[a]	185
Northwestern Hospital [1-3]	Minneapolis	F. H. Lott	167	4,874	4,152	122,788	1	1	2[a]	200
St. Barnabas Hospital [1-3]	Minneapolis	N. H. Lufkin	194	5,127	4,205	141,018	1	1	2[a]	235
Swedish Hospital [1-3]	Minneapolis	A. R. Jay	277	6,284	4,730	132,194	1	1	2[a]	200
University of Minnesota Hospitals [1-3]	Minneapolis	J. Dawson	443	5,356	4,887	570,475	2	6	4[p]	185
Mayo Foundation [1]	Rochester, Minn.	T. B. Magath-J. W. Kernohan	604	27,257	27,257	1,000,000	8	18	4[p]	150
Ancker Hospital [1-3]	St. Paul	J. F. Noble	409	1,609	1,609	202,624	1	1	2[a]	185
Charles T. Miller Hospital [1-3]	St. Paul	K. Ikeda	137	5,667	5,163	200,426	1	1	4[p]	185
St. Joseph's Hospital [1-3]	St. Paul	E. M. James	155	4,467	4,377	109,110	1	2	2[a]	185
University Hospital [1]	Jackson, Miss.	W. V. Hare	180	.....	.....	.....	..	5	3[a]	250
St. Louis County Hospital [1-3]	Clayton, Mo.	J. Wyatt	197	1,140	1,020	116,843	1	2	2[a]	225
Kansas City General Hospital No. 1 [1-3]	Kansas City, Mo.	V. B. Buhler	609	2,347	1,955	7,381	1	4	4[p]	150
Menorah Medical Center [1-3]	Kansas City, Mo.	H. Cohen	160	5,350	3,403	133,326	2	4	3[p]	300
Research Hospital [1-3]	Kansas City, Mo.	H. K. B. Allebach	148	4,017	3,202	239,394	1	3	4[p]	175
St. Joseph Hospital [1-3]	Kansas City, Mo.	R. W. Kerr	153	6,720	5,547	277,592	1	4	3[a]	250
St. Luke's Hospital [1-3]	Kansas City, Mo.	F. C. Helwig	293	12,358	11,122	226,117	2	5	4[p]	175
St. Mary's Hospital [1-3]	Kansas City, Mo.	A. Lapi	177	5,940	4,917	137,737	1	4	4[p]	275
Barnes Hospital [1-3]	St. Louis	W. S. Hartroft	602	8,018	8,018	456,084	8	10	4[p]	50
De Paul Hospital [1-3]	St. Louis	J. D. Bauer	150	5,608	2,581	179,940	1	2	4[p]	200
Homer G. Phillips Hospital [1-3]	St. Louis	J. O. Blache	301	.....	.....	193,784	2	4	2[a]	190
Jewish Hospital [1-3]	St. Louis	H. T. Blumenthal	194	4,446	4,204	144,533	1	4	4[p]	100
Missouri Baptist Hospital [1-3]	St. Louis	W. R. Platt	159	4,213	3,641	109,135	1	1	4[p]	175

Numerical and other references will be found on pages 387 through 390.

17. PATHOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Number of Autopsies	Number of Surgical Specimens	Number Examined Microscopically	Total Number of Laboratory Examinations	First Year Residencies Offered [6]	Total Residencies Offered [6]	Length of Approved Program (Years)	Beginning Stipend (Month)
St. John's Hospital [1-3]	St. Louis	H. N. Allen	161	4,320	3,278	31,220	1	1	2[p]	200
St. Louis City Hospital [1-3]	St. Louis		576	4,202	3,506	252,462	3	6	3[a]	190
St. Mary's Group of Hospitals [1-3]	St. Louis	H. Pikerton	315	8,888	6,206	390,487	2	8	4[p]	200
Montana Deaconess Hospital [1-3]	Great Falls, Mont.	E. J. Eichwald	95	1,961	1,586	41,355	1	1	1[p]	200
Lincoln General Hospital [1-3]	Lincoln, Neb.	H. B. Miller	67	3,745	3,532	74,287	1	1	1[a]	250
Bishop Clarkson Memorial Hospital [1-3]	Omaha	M. E. Foster	121	4,491	4,303	98,880	1	3	3[p]	300
Creighton Memorial-St. Joseph's Hospital [1]	Omaha	V. Moragues	223	16,854	16,122	176,036	2	6	4[p]	175
Nebraska Methodist Hospital [1-3]	Omaha	J. R. Schenken	153	7,496	7,496	74,489	1	4	4[p]	300
University of Nebraska Hospital [1-3]	Omaha	J. R. Schenken	134	2,029	2,014	122,944	1	4	4[p]	175
Mary Hitchcock Memorial Hospital [1-3]	Hanover, N. H.	R. E. Miller	338	6,871	6,472	158,628	1	4	4[p]	188
Elliot Hospital	Manchester, N. H.	S. M. Brooks	113	2,208	1,684	62,149	1	1	1[p]	100
Atlantic City Hospital [1-3]	Atlantic City, N. J.	M. Ackerman	144	2,006	2,006	78,203	1	1	2[a]	200
Cooper Hospital [1-3]	Camden, N. J.	W. T. Read, Jr.	333	4,709	4,461	204,226	1	1	1[p]	200
Our Lady of Lourdes Hospital	Camden, N. J.	R. L. Breckenridge	136	.....	.....	.....	1	1	2[p]	250
West Jersey Hospital [1-3]	Camden, N. J.	E. E. Ziegler	168	2,302	2,252	123,438	1	2	3[a]	200
Englewood Hospital [1-3]	Englewood, N. J.	I. A. Gaspar	84	3,744	2,877	139,597	1	1	1[a]	150
Hunterdon Medical Center [1]	Flemington, N. J.	E. V. Olmstead	99	.....	.....	.....	..	2	1[a]	200
Christ Hospital	Jersey City, N. J.	A. Gitlitz	139	3,916	3,477	81,171	2	3	2[p]	150
Jersey City Hospital [1-3]	Jersey City, N. J.	A. M. Gnassl	299	11,079	11,079	220,854	2	3	4[p]	125
Monmouth Memorial Hospital [1-3]	Long Branch, N. J.	M. R. Rush	127	3,146	2,864	110,405	1	2	2[a]	200
Mountainside Hospital [1-3]	Montclair, N. J.	J. L. Work	177	4,785	4,565	164,174	1	2	3[p]	175
Morristown Memorial Hospital [1-3]	Morristown, N. J.	H. F. Luddecke	133	3,658	3,240	94,438	1	3	3[a]	185
Burlington County Hospital [1]	Mt. Holly, N. J.	J. T. Bauer	132	1,203	1,203	42,898	1	1	2[a]	100
Harrison S. Martland Medical Center [1-3]	Newark, N. J.	E. Albano	347	1,924	1,924	251,227	2	7	3[a]	162
Hospital of Saint Barnabas and for Women and Children [1-3]	Newark, N. J.	W. G. Bernhard	105	3,201	2,900	69,369	1	3	3[p]	150
Newark Beth Israel Hospital [1-3]	Newark, N. J.	L. Goldman	230	5,706	5,706	72,121	1	1	4[p]	100
Presbyterian Hospital [1-3]	Newark, N. J.	S. A. Goldberg	125	5,555	4,004	128,097	2	2	3[p]	125
St. Michael's Hospital [1-3]	Newark, N. J.	S. J. Rose	181	5,507	5,507	169,349	1	3	4[p]	150
Orange Memorial Hospital [1-3]	Orange, N. J.	A. R. Abel	156	3,313	3,313	73,988	1	4	4[p]	150
Bergen Pines County Hospital [1]	Paramus, N. J.	V. H. Gillson	281	555	555	99,806	2	2	2[a]	200
Passaic General Hospital [3]	Passaic, N. J.	J. R. Gannon	108	3,848	2,456	83,676	1	1	3[p]	250
St. Mary's Hospital [1-3]	Passaic, N. J.	R. Brill	103	2,474	2,474	61,914	1	2	2[p]	150
Barnert Memorial Hospital [1-3]	Paterson, N. J.	J. Churg	104	2,750	2,451	71,710	1	2	2[p]	200
Paterson General Hospital [1-3]	Paterson, N. J.	A. H. Davis	157	5,097	4,976	52,407	1	2	2[p]	150
St. Joseph Hospital [1-3]	Paterson, N. J.	G. B. Kim	170	4,896	4,896	85,595	2	3	4[p]	150
Overlook Hospital [3]	Summit, N. J.	G. L. Erdman	134	4,716	3,357	105,781	1	2	2[p]	150
Mercer Hospital [1-3]	Trenton, N. J.	T. K. Rathmell	165	2,170	1,992	97,897	..	2	4[p]	250
St. Francis Hospital [1-3]	Trenton, N. J.	S. Weintraub	260	3,320	4,911	168,148	1	1	2[a]	210
Bataan Memorial Methodist Hospital [1]	Albuquerque, N. M.	B. N. Carle	56	.....	.....	.....	1	1	2[p]	250
Albany Hospital [1-3]	Albany, N. Y.	A. W. Wright	477	8,542	8,542	156,302	2	6	4[p]	160
Bender Laboratory Hospitals [1-3]	Albany, N. Y.	J. J. Clemmer	350	8,659	8,659	305,326	2	5	4[p]	250
Anthony N. Brady Maternity Home	Albany, N. Y.									
Memorial Hospital	Albany, N. Y.									
St. Peter's Hospital	Albany, N. Y.									
Binghamton City Hospital [1-3]	Binghamton, N. Y.	F. Becker	198	2,708	2,460	119,571	2	2	4[p]	150
Lawrence Hospital	Bronxville, N. Y.	A. A. Eggston	78	1,903	1,404	65,472	2	2	1[p]	200
Beth El Hospital [1-3]	Brooklyn, N. Y.	D. M. Spain	86	5,322	5,296	280,404	1	1	1[p]	125
Brooklyn Hospital [1-3]	Brooklyn, N. Y.	J. A. DeVeer	137	4,725	4,700	143,980	1	4	4[p]	165
Coney Island Hospital [1-3]	Brooklyn, N. Y.	H. Fink	161	1,172	1,172	150,861	..	..	4[p]	105
Cumberland Hospital [1-3]	Brooklyn, N. Y.	S. H. Polayes	165	1,960	1,752	166,083	1	4	4[p]	105
Greenpoint Hospital [1-3]	Brooklyn, N. Y.	R. Aronoff	122	6,893	6,893	296,006	2	3	3[p]	105
Jewish Chronic Disease Hospital [1-3]	Brooklyn, N. Y.	B. W. Volk	79	376	376	241,637	1	1	1[c]	175
Jewish Hospital [1-3]	Brooklyn, N. Y.	D. Greyzel	197	6,832	5,639	140,789	2	5	4[p]	100
Kings County Hospital	Brooklyn, N. Y.	P. J. Fitzgerald	1,169	9,196	9,196	657,000	6	8	4[p]	104
Long Island College Hospital [1-3]	Brooklyn, N. Y.	T. G. Morrione	180	4,537	4,237	145,238	1	4	4[p]	150
Maimonides Hospital [1-3]	Brooklyn, N. Y.	A. R. Kantrowitz	179	5,093	5,093	309,153	2	5	4[p]	75
Methodist Hospital [1-3]	Brooklyn, N. Y.	B. S. Herr, Jr.	114	3,502	3,490	106,593	1	3	3[p]	175
Norwegian Lutheran Deaconesses' Home and Hospital [1-3]	Brooklyn, N. Y.	E. S. Wedding	114	2,195	2,195	109,181	2	2	1[p]	185
St. Catherine's Hospital [1-3]	Brooklyn, N. Y.	M. Wachstein	91	1,615	1,615	104,580	1	2	2[p]	150
St. Mary's Hospital [1]	Brooklyn, N. Y.	W. Moltrier, Jr.	85	4,144	4,144	122,174	1	1	2[p]	200
Buffalo General Hospital [1-3]	Buffalo	K. L. Terplan	283	7,938	7,938	7,938	1	4	3[p]	175
Deaconess Hospital [1-3]	Buffalo	S. Tannhauser	120	5,478	5,412	20,447	1	1	3[p]	300
Edward J. Meyer Memorial Hospital [1]	Buffalo	S. Sanes	441	4,152	4,152	354,064	2	3	2[a]	248
Millard Fillmore Hospital	Buffalo	A. V. Postoloff	280	6,534	6,534	239,160	1	2	4[p]	285
Roswell Park Memorial Institute [1-3]	Buffalo	J. W. Pickren	212	11,595	11,595	11,233	1	2	2[a]	275
Elmhurst General Hospital [1-3-4-5]	Elmhurst, N. Y.	A. Blaustein	214	4,264	4,150	172,069	1	2	4[p]	105
Arnot-Ogden Memorial Hospital [1]	Elmira, N. Y.	B. Juvilier	77	2,206	2,206	54,320	1	1	1[a]	250
St. Joseph's Hospital	Elmira, N. Y.	J. A. Mitchell	116	3,012	2,174	134,631	1	2	2[a]	...
Flushing Hospital and Dispensary [1-3]	Flushing, N. Y.	I. Garrow	121	3,515	3,365	125,112	1	4	4[p]	175
Glens Falls Hospital [1-3]	Glens Falls, N. Y.	M. Maslon	98	5,055	5,055	103,820	..	1	2[p]	250
Meadowbrook Hospital	Hempstead, N. Y.	T. J. Curphey	635	3,986	3,808	332,019	3	12	4[p]	225
Mary Immaculate Hospital [1-3]	Jamaica, N. Y.	M. Bevilacqua	98	7,861	8,847	97,117	2	4	2[p]	160
Queens Hospital Center [1-3]	Jamaica, N. Y.	G. Silverman	582	3,149	3,149	582,165	6	7	4[p]	105
Charles S. Wilson Memorial Hospital [1-3]	Johnson City, N. Y.	A. Kosinski	181	5,603	3,951	160,768	1	4	4[p]	225
Kingston Laboratory Hospitals [1-3]	Kingston, N. Y.	H. Derman	184	4,107	4,107	150,078	1	3	2[p]	250
Benedictine Hospital	Kingston, N. Y.									
Kingston Hospital	Kingston, N. Y.									
Ulster County Tuberculosis Hospital	Kingston, N. Y.									
St. John's Long Island City Hospital	Long Island City, N. Y.	E. Santora	85	1,178	1,117	52,409	1	2	1[p]	150
North Shore Hospital [1-3]	Manhasset, N. Y.	F. G. Zak	69	2,472	2,100	80,754	..	..	1[p]	...
Nassau Hospital [3]	Mineola, N. Y.	R. Durham	142	3,262	3,174	82,962	1	1	2[a]	225
Mount Vernon Hospital [1-3]	Mount Vernon, N. Y.	J. G. Sharnoff	137	3,964	3,966	84,579	1	2	3[p]	200
Long Island Jewish Hospital	New Hyde Park, N. Y.	J. I. Berkman	143	4,544	3,250	109,554	1	3	3[p]	75
New Rochelle Hospital [1-3]	New Rochelle, N. Y.	W. C. Schraft	142	5,146	5,146	113,616	1	1	1[a]	225
Bellevue Hospital Center Div. III—New York University College of Medicine [1-3]	New York City	M. Kuschner	687	6,902	6,902	1,207,695	3	7	4[p]	105
Beth Israel Hospital [1-3]	New York City	W. Antopol	105	4,375	4,375	296,953	2	3	3[p]	140
Bronx Hospital [1-3]	New York City	L. Reiner	120	4,917	5,497	166,095	1	3	2[p]	100
Bronx Municipal Hospital Center [1-3]	New York City	A. A. Angrist	167	1,174	1,174	180,509	2	8	4[p]	105
Doctors Hospital [1-3]	New York City	J. R. Lisa	60	2,809	2,784	67,743	1	1	1[a]	200
Fordham Hospital [1-3]	New York City	L. J. Millman	223	4,602	4,602	204,474	1	2	2[a]	105
Francis Delafield Hospital [1-3]	New York City	H. P. Smith	226	2,838	2,838	124,988	6	6	3[a]	105
Goldwater Memorial Hospital [1-3]	New York City	J. Rosenthal	108	379	2,096	107,435	2	3	2[p]	104
Harlem Hospital [1-3]	New York City	V. Dolgopol	392	3,900	3,900	280,409	1	3	4[p]	105
Hospital for Joint Diseases [1-3]	New York City	H. L. Jaffe	33	2,424	2,424	80,953	2	2	1[a]	80
Jewish Memorial Hospital [1-3]	New York City	A. Schwarz	87	2,546	4,984	91,686	1	1	1[p]	150
Knickerbocker Hospital [1-3]	New York City	W. Finkelstein	78	1,562	1,324	68,157	1	1	1[a]	110
Lebanon Hospital [1-3]	New York City	J. C. Ehrlich	112	3,950	3,950	125,155	2	4	3[p]	100
Lenox Hill Hospital [1-3]	New York City	P. J. Manhelms	139	4,840	4,840	10,814	1	1	4[p]	180
Lincoln Hospital [1-3]	New York City	H. Lepow	219	2,678	2,678	197,115	1	2	4[p]	105

Numerical and other references will be found on pages 387 through 390.

17. PATHOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Number of Autopsies	Number of Surgical Specimens	Number Examined Microscopically	Total Number of Laboratory Examinations	First Year Residencies Offered [6]	Total Residencies Offered [6]	Length of Approved Program (Years)	Beginning Stipend (Month)
Memorial Center for Cancer and Allied Diseases		.....	...	.....	.....	.....	..	..	3[a]	...
James Ewing Hospital [1-3]	New York City	F. W. Stewart	247	2,349	2,349	170,860	..	..	..	300
Memorial Hospital [1-3]	New York City	F. W. Stewart	180	17,247	17,247	235,727	..	8	..	300
Misericordia Hospital [1-3]	New York City	G. G. A. Hatzel	55	1,430	1,430	58,276	1	1[a]		125
Montefiore Hospital [1-3]	New York City	H. Zimmerman	391	4,102	4,102	160,034	2	7	3[a]	75
Morrisania City Hospital [1-3]	New York City	M. R. Dacso	301	2,377	2,354	217,688	1	3	4[a]	165
Mount Sinai Hospital [1-3]	New York City	S. Otani- S. S. Schneierson	482	9,677	9,677	350,820	10	16	4[a]	50
New York Hospital [1-3]	New York City	J. G. Kidd-J. Penree	347	8,448	7,587	415,077	2	5	4[a]	116.67
New York Medical College-Metropolitan Medical Center										
Flower and Fifth Avenue Hospitals [1-3]	New York City	F. D. Speer	119	5,303	5,282	188,407	1	4	4[a]	...
Metropolitan Hospital [1-3]	New York City	F. Speer	321	2,258	2,145	208,343	2	3	2[a]	165
New York Polyclinic Medical School and Hospital [1-3]	New York City	D. J. DiMaio	93	5,456	5,456	90,273	..	1	2[a]	100
New York University-Bellevue Medical Center										
University Hospital	New York City	M. Richter	86	5,636	4,700	1,212,985	2	4	2[a]	85
Presbyterian Hospital [1]	New York City	H. P. Smith-R. Lattes	595	9,170	9,170	578,828	2	7	3[a]	308
Roosevelt Hospital [1-3]	New York City	W. W. Brandes	136	4,110	4,246	157,583	1	2	2[a]	133
St. Barnabas Hospital for Chronic Diseases [1-3-156]	New York City	H. K. Russell	133	1,158	1,158	92,645	1	2	2[a]	75
St. Clare's Hospital [1-3]	New York City	J. M. Ravid	135	2,515	2,490	104,877	1	2	1[a]	200
St. Francis Hospital [1-3]	New York City	F. Summerill	94	.....	.....	.....	1	1	1[a]	100
St. Luke's Hospital [1-3]	New York City	C. F. Begg	240	3,876	3,876	183,508	1	4	4[a]	100
St. Vincent's Hospital [1-3]	New York City	A. Rottino	381	4,030	4,030	183,452	1	2	2[a]	125
United Hospital [1-3]	Port Chester, N. Y.	M. Loder	102	2,500	2,437	94,525	1	1	1[a]	200
Vassar Brothers Hospital	Poughkeepsie, N. Y.	M. L. Dreyfuss	123	3,929	3,000	97,242	1	2	2[a]	250
Genesee Hospital [1-3]	Rochester, N. Y.	J. Abbott	203	4,424	4,422	160,005	1	2	2[a]	150
Rochester General Hospital [1-3]	Rochester, N. Y.	M. G. Bohrod	389	9,058	6,794	145,681	2	8	4[a]	125
St. Mary's Hospital [1-3]	Rochester, N. Y.	J. Adler	265	3,954	3,854	161,055	1	4	4[a]	200
Strong Memorial-Rochester Municipal Hospital [1-3]	Rochester, N. Y.	J. L. Orbison	733	4,878	.....	.....	4	8	3[a]	92
Ellis Hospital [1-3]	Schenectady, N. Y.	E. Kellert	249	5,194	5,194	245,069	1	4	3[a]	150
St. Vincent's Hospital [1-3]	Staten Island, N. Y.	V. Kogan	85	.....	.....	.....	1	1	1[a]	225
Staten Island Hospital [1-3]	Staten Island, N. Y.	V. Altmann	104	1,833	1,833	61,212	1	1	1[a]	200
St. Joseph's Hospital [1-3]	Syracuse, N. Y.	H. J. Diek	118	4,445	4,445	132,444	1	1	2[a]	101
State University of New York										
Upstate Medical Center Hospital [1-3]	Syracuse, N. Y.	J. H. Ferguson	503	8,302	8,302	8,302	6	6	3[a]	102
Samaritan Hospital [1-3]	Troy, N. Y.	C. G. Burn	95	2,067	2,067	83,924	1	1	1[a]	250
Utica State Hospital [1-3]	Utica, N. Y.	N. M. Levine	54	76	76	23,350	1	5	4[a]	...
Grasslands Hospital [1-3]	Valhalla, N. Y.	V. A. Bradess	585	1,821	1,821	270,809	1	3	4[a]	175
St. John's Riverside Hospital [1-3]	Yonkers, N. Y.	C. DeAngelis	72	1,692	1,439	62,200	1	2	1[a]	250
North Carolina Memorial Hospital [1-3]	Chapel Hill, N. C.	K. M. Brinkhous	176	10,908	10,908	5,031	2	7	4[a]	156
Charlotte Memorial Hospital [1]	Charlotte, N. C.	P. Kimmelstiel	223	7,005	7,449	190,495	1	4	4[a]	250
Duke University Hospital [1-3-325]	Durham, N. C.	W. D. Forbus	334	8,090	8,090	518,742	3	12	3[a]	110
Watts Hospital [1-4]	Durham, N. C.	J. C. Gunter	79	.....	.....	150,577	..	1	1[a]	175
Moses H. Cone Memorial Hospital [1]	Greensboro, N. C.	H. Z. Lund	157	.....	.....	.....	..	2	4[a]	400
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	R. P. Morehead	234	31,217	31,217	305,128	2	7	4[a]	125
Akron City Hospital [1-3]	Akron, Ohio	L. Catron	299	.....	7,932	203,173	2	4	2[a]	250
Akron General Hospital [1]	Akron, Ohio	G. R. Dochat	174	5,402	4,450	215,393	1	1	4[a]	250
Aultman Hospital [1-3]	Canton, Ohio	D. G. Henderson	327	4,248	4,248	284,491	2	6	4[a]	275
Bethesda Hospital [1-3]	Cincinnati	J. B. Hamblet	103	3,878	2,896	51,501	1	3	3[a]	200
Christ Hospital [1]	Cincinnati	P. N. Jolly	203	5,235	4,132	150,866	1	1	1[a]	200
Cincinnati General Hospital [1-3-329]	Cincinnati	E. A. Gall	766	4,179	4,179	139,656	4	7	4[a]	84
Good Samaritan Hospital [1-3]	Cincinnati	E. Woll	227	11,055	4,881	.....	1	3	3[a]	250
Jewish Hospital [1-3]	Cincinnati	P. Wasserman	263	6,537	6,083	246,287	1	4	4[a]	145
City Hospital [1-3]	Cleveland	T. D. Kinney	382	2,405	2,405	314,285	6	10	4[a]	150
Cleveland Clinic Hospital [1-3]	Cleveland	J. B. Hazard	222	7,370	7,370	488,240	2	8	4[a]	175
Huron Road Hospital [1-3]	Cleveland	E. Goodsitt	182	5,813	5,813	139,459	1	2	4[a]	210
Lutheran Hospital [1-3]	Cleveland	W. Sinclair, Jr.	109	2,674	2,674	75,903	1	1	2[a]	250
Mount Sinai Hospital [1-3]	Cleveland	H. Goldblatt	296	5,915	5,915	389,033	1	4	4[a]	215
St. Luke's Hospital [1-3]	Cleveland	R. Dominguez	288	5,908	5,512	312,491	1	4	4[a]	120
St. Vincent Charity Hospital [1-3]	Cleveland	J. S. Mackrell, Jr.	179	3,635	3,254	154,355	1	2	2[a]	210
University Hospitals [1-3]	Cleveland	A. R. Moritz	436	8,267	8,267	146,781	3	8	4[a]	125
Children's Hospital [1-3]	Columbus	W. Newton	181	1,153	1,153	78,084	2	3	2[a]	...
Grant Hospital [5]	Columbus	B. H. Hurd	104	4,304	3,460	114,448	1	2	1[a]	300
Ohio State University Hospitals										
University Hospitals [1-3]	Columbus	E. Von Haam	390	12,118	12,118	598,553	2	8	4[a]	152
White Cross Hospital [1-3]	Columbus	R. J. Johannmann	200	13,715	13,715	203,633	1	4	2[a]	275
Miami Valley Hospital [1-3]	Dayton, Ohio	M. Oosting	648	10,833	10,833	286,110	2	6	4[a]	250
Mercy Hospital [1-3]	Hamilton, Ohio	K. E. Lande	148	1,770	1,770	106,449	1	3	1[a]	240
St. Rita's Hospital [1-3]	Lima, Ohio	C. L. Blumstein	192	3,912	3,341	137,544	1	4	4[a]	275
Springfield City Hospital [1]	Springfield, Ohio	R. Wybel	180	.....	.....	.....	..	2	2[a]	225
Mercy Hospital [1-3]	Toledo, Ohio	E. L. Burns	248	6,047	4,195	136,791	1	4	4[a]	275
St. Vincent's Hospital [1-3]	Toledo, Ohio	M. F. Vidoli	278	6,292	6,292	174,117	1	2	2[a]	275
Toledo Hospital [1-3]	Toledo, Ohio	B. Steinber	244	5,304	4,867	140,848	1	4	4[a]	200
St. Elizabeth Hospital [1]	Youngstown, Ohio	J. LoCricchio	150	6,619	5,561	124,738	1	1	4[a]	300
Youngstown Hospital [1-3]	Youngstown, Ohio	A. E. Rappoport	519	6,020	6,020	273,754	2	8	4[a]	175
St. Anthony's Hospital	Oklahoma City	W. T. Snoddy	141	5,495	4,255	110,581	1	4	4[a]	150
University of Oklahoma Hospitals [1-3]	Oklahoma City	H. C. Hopps	221	4,189	6,855	227,184	2	5	4[a]	...
Hillcrest Medical Center [1]	Tulsa, Okla.	L. Lowbeer	164	5,928	4,600	142,372	1	3	4[a]	150
St. John's Hospital [1-3]	Tulsa, Okla.	E. Palik	169	6,103	5,654	203,821	1	4	4[a]	175
Emanuel Hospital [1-3]	Portland, Ore.	V. D. Sacuenza	257	8,505	6,378	198,456	1	1	1[a]	275
Good Samaritan Hospital [1-3]	Portland, Ore.	W. L. Lehman	453	6,585	5,048	232,946	1	4	4[a]	275
Providence Hospital [1-3]	Portland, Ore.	J. Minekler	292	6,956	5,774	241,044	1	4	4[a]	275
St. Vincent's Hospital [1-3]	Portland, Ore.	J. E. Nohlgren	218	9,774	8,840	219,554	1	4	4[a]	275
University of Oregon Medical School										
Hospitals and Clinics	Portland, Ore.	W. C. Hunter- R. Grondahl	492	3,320	3,320	225,824	4	8	4[a]	100
Abington Memorial Hospital [1-3]	Abington, Pa.	J. Elman	138	3,874	3,834	241,118	2	4	4[a]	150
Allentown Hospital [1-3]	Allentown, Pa.	R Bovard	339	4,296	3,926	212,985	1	2	4[a]	225
Sacred Heart Hospital [1-3]	Allentown, Pa.	D. E. Stader	131	6,410	5,422	151,475	1	2	2[a]	225
St. Luke's Hospital [1]	Bethlehem, Pa.	E. J. Benz	232	3,551	4,527	127,713	1	2	4[a]	275
Bryn Mawr Hospital [1-3]	Bryn Mawr, Pa.	M. M. Strumia	217	5,000	4,508	224,814	1	4	4[a]	200
Chester Hospital [1-3]	Chester, Pa.	G. B. Sickel	167	2,768	2,768	140,737	1	4	2[a]	350
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	T. K. Hepler	145	3,148	3,092	222,649	1	2	4[a]	175
Thomas M. Fitzgerald Mercy Hospital [1-3]	Darby, Pa.	M. M. Porter- W. H. Miller	122	2,663	2,663	106,274	1	2	4[a]	200
Hamot Hospital [1-3]	Erie, Pa.	E. L. Armstrong	194	5,985	5,618	247,544	1	4	4[a]	200
St. Vincent's Hospital	Erie, Pa.	R. B. Eisenberg	143	3,802	3,760	173,278	1	4	4[a]	100
Harrisburg Polyclinic Hospital [1]	Harrisburg, Pa.	J. S. Forrester	201	4,503	4,503	200,671	1	1	2[a]	300
Lancaster General Hospital [1]	Lancaster, Pa.	W. M. O'Donnell	188	3,735	3,735	160,371	2	4	2[a]	200
St. Joseph's Hospital [1]	Lancaster, Pa.	H. G. Shaub	128	4,478	12,928	93,628	1	2	2[a]	300
Albert Einstein Medical Center										
Northern Division [1-3]	Philadelphia	H. Brody	277	4,839	4,839	211,523	2	4	4[a]	150
Southern Division [1]	Philadelphia	D. Meranze	181	4,306	4,306	173,692	1	4	4[a]	150

Numerical and other references will be found on pages 387 through 390.

17. PATHOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Number of Autopsies	Number of Surgical Specimens	Number Examined Microscopically	Total Number of Laboratory Examinations	First Year Residencies Offered [6]	Total Residencies Offered [6]	Length of Approved Program (Years)	Beginning Stipend (Month)
Episcopal Hospital [1-3]	Philadelphia	W. P. Belk	162	20,315	16,164	172,175	1	1	4[p]	150
Frankford Hospital [1-3]	Philadelphia	L. Rauer	144	1,926	1,926	78,060	1	2	3[p]	250
Germantown Dispensary and Hospital [1-3]	Philadelphia	F. Fite	167	3,259	3,259	109,028	1	4	4[p]	150
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	A. Valdes Dapena	160	3,286	3,286	189,704	2	3	3[a]	100
Hahnemann Medical College and Hospital [3]	Philadelphia	J. E. Imbriglia	347	6,467	6,467	253,836	2	8	4[p]	75
Hospital of the University of Pennsylvania [1-3]	Philadelphia	H. T. Enterline-R. Norris	291	9,241	9,241	435,286	3	12	4[p]	150
Hospital of the Woman's Medical College of Pennsylvania [1-3]	Philadelphia	I. N. Dubin	114	1,961	1,944	1,961	1	4	4[p]	116
Jefferson Medical College Hospital [1-3]	Philadelphia	P. A. Herbut	291	7,543	7,543	296,299	2	5	4[p]	150
Lankenau Hospital [1-3]	Philadelphia	C. E. Brown	153	14,996	14,996	143,709	1	4	4[p]	100
Misericordia Hospital	Philadelphia	H. E. Marx	106	3,128	4,627	135,588	1	1	2[p]	250
Pennsylvania Hospital [1-3]	Philadelphia	A. R. Crane	206	6,251	6,251	340,945	4	4	4[p]	100
Philadelphia General Hospital [1-3]	Philadelphia	J. Clark	901	5,043	5,043	519,424	5	5	4[p]	114
Presbyterian Hospital [1-3-371]	Philadelphia	R. P. Custer	193	4,464	4,204	149,640	2	7	4[p]	150
Temple University Hospital [1-3]	Philadelphia	E. E. Aegerter	248	7,387	7,387	490,334	..	..	4[p]	...
Allegheny General Hospital [1]	Pittsburgh	R. C. Grauer	258	4,901	4,901	175,831	1	4	4[p]	300
Children's Hospital [1-3]	Pittsburgh	G. H. Fetterman	165	876	872	113,522	2	3	1[p]	125
Elizabeth Steel Magee Hospital [1-3]	Pittsburgh	J. C. Henthorne	135	.....	.....	.....	..	2	2[p]	125
Mercy Hospital [1-3]	Pittsburgh	M. M. Bracken	191	5,445	4,831	328,277	2	8	4[p]	175
Montefiore Hospital [1-3]	Pittsburgh	K. Yardumian	142	5,980	4,466	156,189	3	3	3[p]	225
Presbyterian Hospital	Pittsburgh	T. J. Moran	285	5,258	5,233	199,613	3	12	4[p]	125
St. Francis General Hospital and Rehabilitation Institute [1]	Pittsburgh	R. C. Hamilton	182	3,416	3,383	202,235	1	4	4[p]	200
St. Margaret Memorial Hospital [1-3]	Pittsburgh	J. E. Kurtz	70	1,706	1,701	57,515	1	1	1[p]	300
Shadyside Hospital [1-3]	Pittsburgh	E. L. Heller	166	3,126	2,084	70,602	1	2	2[a]	400
South Side Hospital	Pittsburgh	L. Goodman	100	1,773	1,762	111,646	1	2	2[a]	300
Western Pennsylvania Hospital [1-3]	Pittsburgh	R. G. McManus	299	6,641	5,762	146,844	3	6	3[p]	225
Community General Hospital [1-3]	Reading, Pa.	H. S. Cook	91	4,777	4,711	68,615	1	1	1[a]	300
Reading Hospital [1-3]	Reading, Pa.	W. P. Jennings	221	10,415	10,415	156,903	2	8	4[p]	225
St. Joseph's Hospital [1-3]	Reading, Pa.	G. Des Jardins	192	2,800	2,111	115,410	1	4	4[p]	250
Robert Packer Hospital [1-3]	Sayre, Pa.	C. De Wan	161	3,942	4,433	224,694	1	3	4[p]	200
Scranton State Hospital [1]	Scranton, Pa.	G. A. Clark	103	2,700	1,941	106,422	1	1	2[p]	266
Wilkes-Barre General Hospital [1-3]	Wilkes-Barre, Pa.	C. E. Rodriguez	82	3,041	2,851	123,985	1	1	2[a]	225
Williamsport Hospital [1-3]	Williamsport, Pa.	M. G. Colvin	132	7,114	6,710	145,922	1	1	3[p]	225
York Hospital	York, Pa.	J. M. Smith-L. C. Pusch	170	3,420	3,420	136,412	1	2	4[p]	225
Rhode Island Hospital [1-3]	Providence, R. I.	H. Fanger	382	6,532	6,532	267,783	3	8	4[p]	100
Roper Hospital [1-3]	Charleston, S. C.	K. M. Lynch	268	4,581	3,484	148,143	1	4	4[p]	138
Greenville General Hospital [1-3]	Greenville, S. C.	E. A. Dreskin	218	7,273	6,374	180,231	1	3	3[p]	200
Baroness Erlanger Hospital [1-3]	Chattanooga, Tenn.	J. W. Adams	210	12,228	12,228	254,607	2	3	2[c]	175
East Tennessee Baptist Hospital [1-3]	Knoxville, Tenn.	R. J. Leffler	106	5,287	5,026	98,940	1	2	2[p]	300
St. Mary's Memorial Hospital [1-3]	Knoxville, Tenn.	G. S. Mahon	92	4,422	4,418	89,703	1	2	2[p]	250
Baptist Memorial Hospital [1-3]	Memphis, Tenn.	M. L. Trumbull	273	10,363	8,615	200,087	1	4	4[p]	200
City of Memphis Hospitals [1-3]	Memphis, Tenn.	D. H. Spruit	633	5,137	5,137	25,371	5	12	4[p]	100
Methodist Hospital	Memphis, Tenn.	W. W. Tribby	135	7,855	6,901	150,352	1	2	2[p]	200
St. Joseph Hospital [1-3]	Memphis, Tenn.	W. W. Hurteau	184	4,879	4,659	146,284	1	2	2[a]	200
Baptist Hospital [1-3]	Nashville, Tenn.	F. Womack	133	5,297	3,833	152,999	1	2	2[a]	175
George W. Hubbard Hospital [1-3]	Nashville, Tenn.	J. R. Cuff	156	1,802	1,802	1,802	..	..	2[a]	...
Nashville General Hospital [1-3]	Nashville, Tenn.	W. A. DeMonbreun	42	1,011	900	86,526	1	2	2[p]	150
Vanderbilt University Hospital [1-3]	Nashville, Tenn.	J. L. Shapiro	211	2,751	2,696	266,000	2	5	3[a]	50
Brackenridge Hospital [1-3]	Austin, Texas	J. R. Rainey, Jr.	139	2,360	2,058	54,628	1	1	2[a]	200
Baylor University Hospital [1-3]	Dallas, Texas	J. M. Hill	285	38,107	25,366	301,860	2	7	4[p]	235
Methodist Hospital [1-3]	Dallas, Texas	A. B. Cairns	109	5,687	4,193	94,268	1	1	1[p]	200
Parkland Memorial Hospital [1-3]	Dallas, Texas	E. E. Muirhead	452	3,410	3,410	540,515	1	6	4[p]	50
St. Paul's Hospital [1-3]	Dallas, Texas	J. L. Goforth	241	11,140	8,330	203,072	2	8	4[p]	125
Harris Hospital [1-3]	Fort Worth, Texas	C. Ashworth-C. Fitzwilliam	147	18,967	11,380	196,114	1	2	4[p]	300
St. Joseph's Hospital [1-3]	Fort Worth, Texas	O. J. Wollenman, Jr.	155	4,189	3,489	190,487	1	4	4[p]	300
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	E. E. Baird	387	6,278	6,203	232,863	2	8	4[p]	160
Baylor University College of Medicine Affiliated Hospitals										
Jefferson Davis Hospital [1-3]	Houston, Texas	S. A. Wallace	427	4,307	4,290	318,444	2	4	4[p]	75
Methodist Hospital [1-3]	Houston, Texas	S. A. Wallace	178	7,359	6,530	192,572	2	4	4[p]	220
Veterans Admin. Hospital [1-3]	Houston, Texas	R. Halpert	307	2,411	2,371	409,536	2	4	4[p]	...
Hermann Hospital [1-3]	Houston, Texas	W. G. Brown	225	10,507	7,876	379,890	1	4	4[p]	100
St. Joseph's Hospital [3]	Houston, Texas	P. M. Marcuse	158	6,241	5,275	194,348	1	2	4[p]	225
University of Texas M. D. Anderson Hospital and Tumor Institute [1-3]	Houston, Texas	W. O. Russell	163	5,713	5,713	153,762	2	14	4[p]	150
Baptist Memorial Hospital [1-3]	San Antonio, Texas	A. O. Severance	160	5,001	4,713	180,976	1	4	4[p]	150
Robert B. Green Memorial Hospital [1-3]	San Antonio, Texas	L. Manhoff, Jr.	246	2,386	2,364	136,090	1	3	3[p]	150
Santa Rosa Hospital [1-2]	San Antonio, Texas	N. H. Jacob	238	9,118	4,094	179,207	1	3	4[p]	250
Scott and White Memorial Hospitals [1-3]	Temple, Texas	W. N. Powell-J. C. Stinson	101	5,065	4,477	192,434	1	2	3[p]	250
St. Benedict's Hospital [1-3]	Ogden, Utah	R. C. Ellis	79	2,993	1,745	56,142	1	1	1[p]	250
Thomas D. Dee Memorial Hospital [1-3]	Ogden, Utah	H. G. Hicks	163	5,494	4,872	96,281	2	4	2[p]	275
Dr. W. H. Groves Latter-Day Saints Hospital [3]	Salt Lake City	J. H. Carlquist	192	6,394	4,737	51,595	1	3	4[p]	200
Holy Cross Hospital [1-3-408]	Salt Lake City	C. McNeil	98	7,284	3,117	27,696	1	2	1[p]	175
Salt Lake County General Hospital	Salt Lake City	R. Jones	197	1,811	1,791	163,841	2	4	3[a]	150
University of Vermont Affiliated Hospitals			...	.....	.....	.....	..	..	4[p]	...
De Goesbriand Memorial Hospital [1-3]	Burlington, Vt.	E. Stark	95	1,778	1,771	48,219	1	2	..	100
Mary Fletcher Hospital [1-3]	Burlington, Vt.	R. Coon	133	4,584	4,584	71,068	2	8	..	100
University of Virginia Hospital [1-3]	Charlottesville, Va.	O. B. Bobbitt-J. R. Cash	247	10,573	10,573	313,199	3	6	4[p]	...
Memorial Hospital [1-3]	Danville, Va.	J. W. Hooker	104	4,255	4,255	96,527	1	3	4[p]	...
Lynchburg General Hospital [1-3]	Lynchburg, Va.	S. M. Bouton, Jr.	113	1,948	.....	51,839	1	1	3[p]	200
Riverside Hospital [1-3]	Newport News, Va.	M. F. Sherrill	104	2,906	2,906	71,512	1	1	1[a]	250
De Paul Hospital [1-3]	Norfolk, Va.	A. F. Strauss	142	6,058	7,952	209,688	1	4	4[p]	200
Norfolk General Hospital [1-3]	Norfolk, Va.	A. J. Rawson-E. Levy	293	21,587	11,128	180,835	..	2	4[p]	200
Johnston-Willis Hospital [1-3]	Richmond, Va.	G. R. Hennigar	99	2,155	2,155	63,737	1	1	1[a]	250
Medical College of Virginia—Hospital Division [1-3]	Richmond, Va.	F. L. Apperly-H. G. Kupfer	536	9,506	9,006	544,405	..	9	3[c]	75
Doctors Hospital [1-3]	Seattle	G. E. Tooley	183	6,307	4,621	84,821	1	3	2[a]	250
King County Hospital Unit No. 1 (Harborview) [1]	Seattle	C. R. Jensen	768	3,511	3,185	218,389	1	1	4[p]	125
Providence Hospital [1-3]	Seattle	D. G. Mason	223	5,995	3,794	134,885	1	1	2[a]	200
Swedish Hospital [1-3]	Seattle	P. Lund	198	6,841	6,624	151,998	1	4	4[p]	150
Deaconess Hospital	Spokane, Wash.	T. E. Ludden	172	4,046	2,859	105,878	1	1	3[a]	300
Sacred Heart Hospital [1]	Spokane, Wash.	J. E. Hill	265	.....	.....	.....	..	2	3[a]	200
St. Luke's Hospital [1-3]	Spokane, Wash.	O. O. Christianson	113	935	4,174	125,585	1	1	2[p]	225

Numerical and other references will be found on pages 387 through 390.

17. PATHOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Number of Autopsies	Number of Surgical Specimens	Number Examined Microscopically	Total Number of Laboratory Examinations	First Year Residencies Offered [2]	Total Residencies Offered [2]	Length of Approved Program (Years)	Beginning Stipend (Month)
St. Joseph Hospital [1]	Tacoma, Wash.	C. R. McColl- R. T. Vimont	98	4,146	3,914	82,938	2	4	2[a]	300
Tacoma General Hospital [1-3]	Tacoma, Wash.	C. P. Larson	345	9,687	8,635	84,800	2	4	3[p]	200
Charleston General Hospital [1-3]	Charleston, W. Va.	W. Putsehar	124	2,508	2,496	73,322	1	1	4[p]	225
St. Mary's Hospital [1-3]	Clarksburg, W. Va.	H. Fischer	85	2,000	2,000	120,000	1	2	2[p]	200
St. Mary's Hospital [1-3]	Huntington, W. Va.	S. Werthammer	139	6,411	6,373	276,340	1	2	2[a]	200
Ohio Valley General Hospital [1-3]	Wheeling, W. Va.	H. G. Little	161	6,257	5,583	88,734	1	3	3[p]	300
Madison General Hospital [1-4]	Madison, Wis.	L. E. McGary	195	5,834	5,534	117,254	1	2	4[p]	150
University Hospitals [1-3]	Madison, Wis.	W. D. Stovall- D. M. Angevine	302	5,040	4,994	226,507	1	3	4[p]	175
Columbia Hospital [1-3-485]	Milwaukee	G. Ritchie	173	3,263	2,297	73,711	1	4	4[p]	195
Milwaukee County Hospital [1-3]	Milwaukee	J. Lunseth	620	4,153	4,086	322,027	2	8	4[p]	207
Milwaukee Hospital [1-3]	Milwaukee	E. A. Birge	114	4,777	4,209	117,044	1	1	3[p]	195
St. Joseph's Hospital [1-3]	Milwaukee	C. H. Altshuler	239	5,808	4,214	184,871	1	4	4[p]	300
St. Luke's Hospital [1-3]	Milwaukee	B. E. Clarke	110	3,606	2,916	103,563	1	4	4[p]	275
St. Mary's Hospital [480]	Milwaukee	S. B. Pessin	142	4,255	2,732	92,102	..	2	4[p]	225
Gorgas Hospital [1]	Ancon, Canal Zone	G. E. Cosgrove, Jr.	277	2,352	2,352	359,972	1	4	4[p]	345
Queen's Hospital [1]	Honolulu, T. H.	W. H. Civin	189	5,876	5,551	152,901	1	4	4[p]	150
St. Francis Hospital [3]	Honolulu, T. H.	R. Chappell	182	5,015	3,465	90,337	1	2	2[a]	100
Bayamon District Hospital [1-3]	Bayamon, P. R.	R. R. Weiser	375	2,404	2,404	150,276	2	3	4[p]	150
San Juan City Hospital [1-3]	San Juan, P. R.	E. Koppisch	165	1,726	1,726	265,898	2	4	3[a]	150

18. PEDIATRICS

Residency programs in the following hospitals have been approved by the Council and the American Board of Pediatrics, through the Residency Review Committee for Pediatrics, as offering full training in the specialty: (i. e., TWO or more years).

Hospitals, 225; Assistant Residencies and Residencies, 1,467

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [2]	Total Residencies Offered [2]	Beginning Stipend (Month)
UNITED STATES ARMY							
Letterman Army Hospital [1]	San Francisco	W. M. Edwards	432	34	3	6	...
Fitzsimons Army Hospital [1]	Denver	M. E. Steinheimer	1,006	27	2	4	...
Army Medical Center [1-3]	Washington, D. C.	L. J. Geppert	171	3	3	6	...
Brooke Army Hospital [1-3]	San Antonio, Texas	J. P. Fairchild	894	32	3	6	...
UNITED STATES NAVY							
U. S. Naval Hospital [1-3]	Oakland, Calif.	M. Kurzrok	1,254	21	1	2	...
U. S. Naval Hospital	Bethesda, Md.	T. E. Cone, Jr.	459	13	2	4	...
U. S. Naval Hospital [1-3]	Chelsea, Mass.	D. W. Sherwood	693	51	1	2	...
U. S. Naval Hospital [1-3]	Philadelphia	C. Stilson	264	4	1	2	...
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE							
Freedmen's Hospital [1-3]	Washington, D. C.	R. B. Scott	508	11	2	5	218

NONFEDERAL

University of Alabama Medical Center							
Children's Hospital [1-3]	Birmingham, Ala.	C. L. Lamar	2,616	32	2	3	143
University Hospital and Hillman Clinic [1-3-12]	Birmingham, Ala.	K. Hare	2,602	27	5	10	108
Maricopa County General Hospital [1-3]	Phoenix, Ariz.	C. A. Holmes	757	30	1	1	300
St. Joseph's Hospital [1-3]	Phoenix, Ariz.	R. Creasman	1,182	23	1	2	200
University Hospital [1]	Little Rock, Ark.	K. Dodd	567	105	3	5	145
Kern General Hospital [1]	Bakersfield, Calif.	R. Cohn	1,308	26	2	4	325
San Joaquin General Hospital	French Camp, Calif.	W. T. Auld	797	18	1	1	300
General Hospital of Fresno County [1-3-19]	Fresno, Calif.	M. U. Schwartz	1,170	55	2	4	300
California Babies' and Children's Hospital [1-3]	Los Angeles	T. Birnberg	403	3	1	2	150
Cedars of Lebanon Hospital	Los Angeles	B. M. Kagen	1,347	10	1	3	175
Children's Hospital	Los Angeles	M. J. Carson	8,779	..	9	20	75
Los Angeles County Hospital [1]	Los Angeles	R. F. Chinnock	5,278	72	5	11	240
Queen of Angels Hospital [1-3]	Los Angeles	J. T. Ragan	1,742	11	1	2	175
University of California Medical Center [1-3]	Los Angeles	J. M. Adams	....	..	2	8	250
White Memorial Hospital [1-3-24-39]	Los Angeles	R. F. Chinnock	600	7	2	3	151
Children's Hospital of the East Bay [1-3]	Oakland, Calif.	H. E. Long	7,557	77	6	12	175
Highland-Alameda County Hospital [1-3]	Oakland, Calif.	A. Hatoff	3,032	35	3	4	195
Children's Hospital [1-3]	San Francisco	H. E. Thelander	644	5	3	5	125
Department of Contagious Diseases		E. B. Shaw	453	10	1	2	125
St. Mary's Hospital [1-3]	San Francisco	R. Flood	1,950	9	1	2	...
Stanford University Hospitals							
San Francisco Hospital [1-3]	San Francisco	E. H. Senz	308	7	3	3	195
University Hospital [1-3]	San Francisco	R. H. Alway	544	12	3	6	80
University of California Hospitals							
San Francisco Hospital [1-3]	San Francisco	M. B. Olney	367	6	3	3	195
University Hospital [1-3]	San Francisco	W. C. Deamer	675	41	3	7	200
Santa Clara County Hospital [1]	San Jose, Calif.	R. D. Cutter	445	19	2	2	200
St. John's Hospital	Santa Monica, Calif.	A. B. Polson	1,777	42	1	1	200
Harbor General Hospital [1-3-24]	Torrance, Calif.	A. J. Moss	1,450	27	3	6	246
Children's Hospital	Denver	R. H. Verploeg	4,383	73	6	10	150
University of Colorado Medical Center [483]							
Colorado General Hospital [1-3]	Denver	J. H. Githens	418	16	5	12	100
Denver General Hospital [1-3]	Denver	E. Plattner	1,186	25	..	..	157
Hartford Hospital [1-3-66]	Hartford, Conn.	J. B. Griggs	1,114	22	1	2	100
St. Francis Hospital [1-3]	Hartford, Conn.	T. F. Murphy	1,030	8	1	3	125
Grace-New Haven Community Hospital [1-3-69]	New Haven, Conn.	W. R. Wilson	5,341	83	6	10	50
Hospital of St. Raphael [3]	New Haven, Conn.	P. McAlenney	1,785	22	2	3	125
Delaware Hospital [1-3]	Wilmington, Del.	R. O. Y. Warren	1,138	51	2	4	180
Children's Hospital [1-3]	Washington, D. C.	W. F. Burdick	2,948	41	13	21	100
District of Columbia General Hospital [1-3]	Washington, D. C.	L. Hoeck	1,989	41	5	10	153
Georgetown University Hospital	Washington, D. C.	F. G. Burke	1,037	15	2	6	100
Duval Medical Center-St. Vincent's Hospital [1-3]	Jacksonville, Fla.	J. K. David, Jr.-H. Carithers	3,240	46	3	4	150
Jackson Memorial Hospital [1-3]	Miami, Fla.	R. B. Lawson	1,003	40	4	7	75
Crawford W. Long Memorial Hospital [1-3]	Atlanta, Ga.	J. H. Patterson	1,118	20	5	6	110
Georgia Baptist Hospital [1]	Atlanta, Ga.	J. Yampolsky	3,128	14	2	4	200
Grady Memorial Hospital [1]	Atlanta, Ga.	R. W. Blumberg	1,003	51	4	10	20

Numerical and other references will be found on pages 387 through 390.

18. PEDIATRICS—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Beginning Stipend (Month)
Henrietta Egleston Hospital for Children [1-3]	Atlanta, Ga.	M. H. Roberts	1,097	14	..	3	150
St. Joseph's Infirmary	Atlanta, Ga.	D. Fowler	1,235	6	1	2	165
University Hospital [1]	Augusta, Ga.	J. W. Bennett	1,364	14	4	9	200
Children's Memorial Hospital [1-3]	Chicago	J. A. Bigler	6,106	87	12	16	75
Cook County Hospital [1-3]	Chicago	S. J. Hoffman	7,817	328	8	15	75
Department of Contagious Diseases		A. Hoyne	1,043	23	1	2	75
Loyola University (Stritch School of Medicine) Affiliated Hospitals							
Mercy Hospital [1-3-97]	Chicago	H. W. Elghammer	1,471	22	4	9	125
Michael Reese Hospital [1-3]	Chicago	J. Metcoff	6,885	154	5	10	100
Mount Sinai Hospital [1-3]	Chicago	P. L. Aries	717	20	1	2	100
Presbyterian Hospital [1]	Chicago	B. M. Gusul	1,167	50	2	2	125
Provident Hospital [1-3]	Chicago	C. Runner	821	7	1	2	200
St. Luke's Hospital [1-3]	Chicago	A. D. Biggs	1,348	11	1	2	75
University of Chicago Clinics [1-3]	Chicago	F. H. Wright	1,036	35	6	13	200
University of Illinois Research and Educational Hospitals [1-3-111]	Chicago	H. N. Sanford	774	43	4	8	125
St. Francis Hospital [1]	Evanston, Ill.	N. G. Shaw	2,669	13	1	2	175
Little Company of Mary Hospital [1-3]	Evergreen Park, Ill.	E. G. Lawler	3,055	12	4	8	175
Indiana University Medical Center							
Indianapolis General Hospital [1-3]	Indianapolis	I. Rosenbaum	677	12	..	..	205
Indiana University Medical Center Hospital [1]	Indianapolis	L. T. Meiks	1,906	95	5	11	165
Riley Hospital	Indianapolis		....	..	..	..	...
Methodist Hospital [1-3]	Indianapolis	W. M. Browning	2,195	7	1	2	...
Raymond Blank Memorial Hospital for Children [1-3-128-129]	Des Moines, Iowa	L. F. Hill	4,783	45	4	8	175
State University of Iowa Hospitals [1-3]	Iowa City	C. D. May	1,659	62	4	8	140
University of Kansas Medical Center [1-3]	Kansas City, Kan.	H. Miller	1,175	45	4	8	125
St. Joseph Infirmary [1-3]	Louisville, Ky.	J. Larson	2,668	19	2	4	210
University of Louisville Hospitals							
Children's Hospital [1-3]	Louisville, Ky.	A. J. Steigman	3,493	118	4	13	83
Louisville General Hospital [1-3-134]	Louisville, Ky.	A. J. Steigman	627	22	4	9	83
Charity Hospital of Louisiana							
Louisiana State University Unit [1]	New Orleans	R. L. Fowler	1,879	35	7	14	100
Tulane University Unit [1-445-446]	New Orleans	R. V. Platou	1,554	25	7	14	100
Confederate Memorial Medical Center [1]	Shreveport, La.	C. H. Webb	2,931	31	2	4	125
Baltimore City Hospitals [1-3]	Baltimore	H. E. Harrison	1,325	118	4	6	50
Johns Hopkins Hospital [1-3]	Baltimore	R. E. Cooke	1,861	116	10	11	25
Sinai Hospital [1-3-155]	Baltimore	H. H. Gordon	424	15	3	7	110
Union Memorial Hospital [1-3]	Baltimore	C. O'Donovan, Jr.	610	9	1	2	215
University Hospital [1-3]	Baltimore	J. E. Bradley	883	33	2	9	75
Boston City Hospital [1-3]	Boston	C. V. Pryles	4,338	69	10	12	112
Boston Floating Hospital [1-3]	Boston	J. M. Baty	2,229	58	4	8	50
Children's Medical Center [1-3]	Boston	C. A. Janeway	2,272	157	4	34	50
Massachusetts General Hospital [1-3-172]	Boston	A. M. Butler	1,034	..	5	6	67
Worcester City Hospital [3]	Worcester, Mass.	J. J. Cohen	852	13	2	2	215
University Hospital [1-3]	Ann Arbor, Mich.	J. L. Wilson	1,544	50	10	20	154
Children's Hospital [1]	Detroit	P. V. Woolley, Jr.	6,909	245	12	27	150
Harper Hospital [1-3-197]	Detroit	E. C. Martmer	1,712	8	2	4	225
Henry Ford Hospital [1-3]	Detroit	J. A. Johnston	1,076	14	4	8	225
Hurley Hospital [1-3]	Flint, Mich.	E. M. Eichhorn	6,400	73	1	2	325
Butterworth Hospital [1-3]	Grand Rapids, Mich.	M. W. Dick	225	41	..	..	225
St. Joseph Mercy Hospital	Pontiac, Mich.	H. R. Roehm	3,470	10	1	2	325
Saginaw General Hospital [1-3]	Saginaw, Mich.	R. M. Heavenrich	1,810	10	1	2	325
Minneapolis General Hospital [1-3]	Minneapolis	R. B. Raile	1,110	33	3	4	185
University of Minnesota Hospitals [1-3-211]	Minneapolis	J. Anderson	2,111	116	7	17	185
Mayo Foundation [1]	Rochester, Minn.	R. L. J. Kennedy	3,595	99	7	19	150
University Hospital [1]	Jackson, Miss.	B. E. Batson	271	6	2	2	250
Children's Mercy Hospital [3]	Kansas City, Mo.	W. Hart	1,942	67	3	7	125
Kansas City General Hospital No. 1 [1-3]	Kansas City, Mo.	G. E. Hughes	610	13	1	2	150
Homer G. Phillips Hospital [1-3]	St. Louis	P. J. White	2,592	44	6	14	190
St. Louis Children's Hospital [1-3]	St. Louis	A. F. Hartmann	3,943	136	16	32	25
St. Louis City Hospital [1-3]	St. Louis	V. Peden	2,207	40	4	8	190
St. Mary's Group of Hospitals [1-3-224]	St. Louis	P. G. Danis	2,262	37	4	8	100
Children's Memorial Hospital	Omaha	.....	.....	...	..	..	...
Creighton Memorial—St. Joseph's Hospital [1]	Omaha	J. H. Murphy	2,630	11	2	4	175
Contagious Division of County Hospital							
Omaha Children's Hospital							
Riverview Home							
St. Joseph Orphanage							
University of Nebraska Hospital [1-3-238]	Omaha	G. Gibbs	553	9	3	5	175
Mary Hitchcock Memorial Hospital [1-3]	Hanover, N. H.	C. C. Stewart	882	19	1	2	188
Jersey City Medical Center [1-3]	Jersey City, N. J.	B. P. Abrams	730	22	3	6	92
Fitkin Memorial Hospital [1-3]	Neptune, N. J.	J. F. Ruffetto	1,329	6	1	1	200
Babies Hospital—Coit Memorial [1-3]	Newark, N. J.	M. Gregory	3,320	23	2	4	150
Newark Beth Israel Hospital [1-3]	Newark, N. J.	A. Heyman	447	5	1	1	100
St. Michael's Hospital [1-3]	Newark, N. J.	H. A. Murray	3,021	22	5	7	150
St. Francis Hospital [1-3]	Trenton, N. J.	H. Davis	1,909	8	1	1	210
Albany Hospital [1-3]	Albany, N. Y.	P. Patterson	3,924	64	3	5	160
Beth El Hospital [1-3]	Brooklyn, N. Y.	B. Schick	274	38	3	4	125
Brooklyn Hospital [1-3]	Brooklyn, N. Y.	T. M. Lamb	691	5	3	4	165
Coney Island Hospital [1-3]	Brooklyn, N. Y.	S. Nussbaum	618	10	..	..	165
Cumberland Hospital [1-3-218]	Brooklyn, N. Y.	J. A. Monfort	884	15	2	4	165
Jewish Hospital [1-3]	Brooklyn, N. Y.	J. Pincus	520	..	5	10	100
Kings County Hospital Center [1]	Brooklyn, N. Y.	R. L. Day	2,332	46	3	6	104
Long Island College Hospital [1-3]	Brooklyn, N. Y.	C. A. Weymuller	567	16	2	3	150
Maimonides Hospital [1-3]	Brooklyn, N. Y.	B. Kramer	453	10	1	4	75
Norwegian Lutheran Deaconesses' Home and Hospital [1-3]	Brooklyn, N. Y.	J. A. Monfort	752	14	1	2	185
St. Catherine's Hospital [1-3]	Brooklyn, N. Y.	P. Lombard	565	11	2	3	150
St. John's Episcopal Hospital [1-3]	Brooklyn, N. Y.	B. H. Shulman	948	27	1	1	175
Children's Hospital [1-3]	Buffalo	M. I. Rubin	3,226	103	6	21	125
Edward J. Meyer Memorial Hospital [1]	Buffalo	T. S. Bumbalo	772	8	1	3	248
Mary Imogene Bassett Hospital [1-3]	Cooperstown, N. Y.	T. C. Goodwin	282	5	1	1	145
Elmhurst General Hospital [1-3-458]	Elmhurst, N. Y.	E. E. Amerman	1,685	13	2	3	105
Meadowbrook Hospital	Hempstead, N. Y.	E. A. Stanchi	2,627	68	3	6	225
Queens General Hospital [1-3]	Jamaica, N. Y.	M. Coe	825	32	3	6	105
Chas. S. Wilson Memorial Hospital [1-3]	Johnson City, N. Y.	J. H. Ford	2,439	14	1	2	175
Long Island Jewish Hospital [1-3]	New Hyde Park, N. Y.	S. Karelitz	652	35	2	3	75
North Shore Hospital [1-3]	Manhasset, N. Y.	A. L. Florman	390	3	1	3	200
Bellevue Hospital Center							
Div. III—New York University College of Medicine [1-3]	New York City	L. E. Holt, Jr.	1,684	78	10	17	105
Bronx Hospital [1-3]	New York City	J. H. Lapin	722	5	2	3	75
Bronx Municipal Hospital Center	New York City	H. L. Barnett	....	...	10	20	105
Fordham Hospital [1-3]	New York City	J. Golomb	769	20	2	3	105
Harlem Hospital [1-3]	New York City	H. J. Cohen	985	37	2	4	105

Numerical and other references will be found on pages 387 through 390.

18. PEDIATRICS—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [4]	Total Residencies Offered [4]	Beginning Stipend (Month)
Lenox Hill Hospital [1-3]	New York City	A. F. Anderson	600	12	1	2	180
Lincoln Hospital [1-3]	New York City	H. S. Altman	1,303	23	2	5	165
Morrisania City Hospital [1-3]	New York City	H. D. Pasachoff	738	54	2	4	165
Mount Sinai Hospital [1-3]	New York City	H. L. Hodes	2,715	96	5	10	50
New York Hospital [1-3-298]	New York City	S. Z. Levine	1,553	107	10	18	116.67
New York Infirmary [2-3]	New York City	B. Worcester	170	2	1	2	150
New York Medical College—Metropolitan Medical Center							
Flower and Fifth Avenue Hospitals [1-3]	New York City	L. B. Slobody	1,108	16	2	3	...
Metropolital Hospitals [1-3]	New York City	L. B. Slobody	1,371	16	5	9	165
New York Polyclinic Medical School and Hospital [1-3]	New York City	S. V. Haas	159	4	1	2	...
New York University—Bellevue Medical Center							
University Hospital [299]	New York City	A. De Sanctis	1,382	86	3	7	85
Presbyterian Hospital [1]	New York City	R. McIntosh	4,486	205	7	18	250
Roosevelt Hospital [1-3-286]	New York City	E. N. Joyner, III	555	4	2	4	133
St. Clare's Hospital [1-3-295]	New York City	C. H. O'Regan	422	28	2	3	200
St. Luke's Hospital [1-3]	New York City	J. F. Eagle	650	5	2	4	100
St. Vincent's Hospital [1-3]	New York City	A. J. Vignec	3,005	43	2	5	125
Genesee Hospital [1-3]	Rochester, N. Y.	J. Glaser	1,589	26	1	2	150
St. Mary's Hospital [1-3]	Rochester, N. Y.	H. Waffle	1,248	9	1	2	200
Strong Memorial—Rochester Municipal Hospital [1-3-312]	Rochester, N. Y.	W. L. Bradford	1,737	50	4	12	92
State University of New York							
Upstate Medical Center Hospital [1-2]	Syracuse, N. Y.	J. B. Richmond	7,508	58	5	11	192
Grasslands Hospital [1-3]	Valhalla, N. Y.	D. A. Wilcox	543	6	1	3	175
North Carolina Memorial Hospital [1-3]	Chapel Hill, N. C.	E. C. Curnen	1,593	35	5	10	156
Charlotte Memorial Hospital [1]	Charlotte, N. C.	C. Adams	499	8	1	2	250
Duke University Hospital [1-3-321-328]	Durham, N. C.	J. Harris	2,420	58	..	8	102
Watts Hospital [1-3]	Durham, N. C.	A. H. London	655	9	..	1	175
Babies Hospital [1-3]	Wilmington, N. C.	J. B. Sidbury, Sr.	1,081	10	2	2	300
City Memorial Hospital [1]	Winston-Salem, N. C.	F. A. Blount	1,402	7	1	1	300
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	W. M. Kelsey	1,231	39	2	8	125
Mary Day Nursery and Children's Hospital [1-3]	Akron, Ohio	N. Miller	3,412	49	9	11	250
University of Cincinnati Hospitals							
Children's Hospital [1]	Cincinnati	A. A. Weech	3,031	61	15	24	45
Cincinnati General Hospital [1-3]	Cincinnati	A. A. Weech	620	38	..	..	...
Good Samaritan Hospital [1-3-334]	Cincinnati	C. F. Wagner	2,395	11	1	2	250
City Hospital [1-3]	Cleveland	F. C. Robbins	1,645	56	5	12	150
Dept. of Contagious Diseases	Cleveland	F. C. Robbins	.....	..	4	10	150
Cleveland Clinic Hospital [1-3]	Cleveland	R. D. Mercer	1,689	24	2	4	175
St. Luke's Hospital [1-3]	Cleveland	R. G. Hodges	1,215	22	1	2	120
University Hospitals [1-3-340]	Cleveland	W. Wallace	2,635	93	4	10	125
Children's Hospital [1-3]	Columbus, Ohio	E. H. Baxter	3,462	111	8	16	...
University of Oklahoma Hospitals [1-3]	Oklahoma City	H. B. Strenge	1,383	61	3	6	85
Hillcrest Medical Center [1]	Tulsa, Okla.	R. M. Wadsworth	5,701	10	1	2	150
University of Oregon Medical School							
Hospitals and Clinics [361]	Portland, Ore.	A. J. Hill, Jr.	3,214	99	4	8	100
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	E. F. Rabe	812	12	1	2	175
Harrisburg Polyclinic Hospital [1]	Harrisburg, Pa.	M. Ames	2,111	24	1	2	300
Albert Einstein Medical Center							
Northern Division [1-3]	Philadelphia	A. Capper	1,446	4	1	3	150
Southern Division [1]	Philadelphia	M. Malen-I. Morris	331	3	..	1	150
Children's Hospital [1-3]	Philadelphia	J. Stokes, Jr.	5,967	67	8	21	20
Hahnemann Medical College and Hospital [3]	Philadelphia	C. C. Fisher	1,535	36	4	8	75
Hospital of the University of Pennsylvania [1-3]	Philadelphia	P. Gyorgy	545	40	3	7	...
Hospital of the Woman's							
Medical College of Pennsylvania [1-3]	Philadelphia	J. Crump	750	8	1	3	110
Jefferson Medical College Hospital [1-3]	Philadelphia	E. L. Bauer	578	40	2	4	...
Philadelphia General Hospital [1-3]	Philadelphia	P. Gyorgy	1,800	93	6	6	114
Temple University Hospitals							
St. Christopher's Hospital for Children [1-3]	Philadelphia	W. E. Nelson	3,632	69	10	26	50
Temple University Hospital [1-3]	Philadelphia	W. E. Nelson	....	..	..	..	...
Allegheny General Hospital [1]	Pittsburgh	T. O. Elterich	480	9	1	2	200
Children's Hospital [1-3]	Pittsburgh	E. R. McCluskey	2,089	73	10	22	125
Robert Packer Hospital [1-3]	Sayre, Pa.	D. Motsay	2,578	27	1	2	200
Rhode Island Hospital [1-3-381]	Providence, R. I.	B. Feinberg	1,246	10	2	4	100
Roper Hospital [1-3]	Charleston, S. C.	M. W. Beach	1,319	31	3	7	138
Columbia Hospital of Richland County	Columbia, S. C.	J. R. Harvin	4,507	56	1	2	[7]175
City of Memphis Hospitals [1-3]	Memphis, Tenn.	F. T. Mitchell	2,178	62	4	9	[7]100
Le Bonheur Children's Hospital [1-3-369]	Memphis, Tenn.	C. B. Baker	3,777	29	2	3	100
George W. Hubbard Hospital [1-3]	Nashville, Tenn.	E. P. Crump	799	10	3	6	125
Vanderbilt University Hospital [1-3]	Nashville, Tenn.	A. Christie	1,008	33	4	6	50
Driscoll Foundation Children's Hospital	Corpus Christi, Texas						
Children's Medical Center [1-3]	Dallas, Texas	E. L. Pratt	2,116	28	6	14	150
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	A. E. Hansen	951	78	6	14	100
Baylor University College of Medicine Affiliated Hospitals							
Hermann Hospital [1-3]	Houston, Texas	R. J. Blattner	565	14	2	6	100
Jefferson Davis Hospital [1-3]	Houston, Texas	R. J. Blattner	1,387	69	5	11	75
Methodist Hospital [1-3]	Houston, Texas	E. B. Brandes	143	3	1	2	220
St. Joseph's Hospital [1-3]	Houston, Texas	R. D. Lomas	3,985	23	1	2	200
Robert B. Green Memorial Hospital [1-3]	San Antonio, Texas	C. B. Alexander	1,572	25	1	2	150
Salt Lake County General Hospital	Salt Lake City	J. F. Bosma	435	9	4	12	150
University of Vermont Medical Center							
De Goesbriand Memorial Hospital [1-3]	Burlington, Vt.	R. Corley	656	6	1	2	100
Mary Fletcher Hospital [1-3-412]	Burlington, Vt.	R. J. McKay, Jr.	512	13	1	3	100
University of Virginia Hospital [1-3]	Charlottesville, Va.	W. W. Waddell, Jr.	681	21	4	5	50
Medical College of Virginia—Hospital Division [1-3]	Richmond, Va.	L. E. Sutton, Jr.	2,261	82	8	14	50
University of Washington Affiliated Hospitals							
Children's Orthopedic Hospital [1]	Seattle	A. Rembe	2,388	61	2	5	160
King County Hospital Unit No. 1 (Harbor View) [1-423]	Seattle	W. B. Seelye	880	14	2	3	125
Memorial Hospital [1-3]	Charleston, W. Va.	J. Basman	1,083	8	1	2	225
University Hospitals [1-3]	Madison, Wis.	J. E. Gonce, Jr.	1,027	52	2	6	175
Milwaukee Children's Hospital [1-3]	Milwaukee	G. H. Wegmann	3,402	65	5	10	150
Milwaukee County Hospital [1-3]	Milwaukee	T. W. Kirmse	3,919	18	3	5	207
Gorgas Hospital [1]	Ancon, Canal Zone	D. Hirschl	933	30	1	2	345
Bayamon District Hospital [1-3]	Bayamon, P. R.	I. Ortiz de Freeman	1,348	78	1	2	150
San Juan City Hospital [1-3]	San Juan, P. R.	A. Ortiz	1,694	68	3	6	150

Residency programs in the following hospitals have been approved by the Council and the American Board of Pediatrics, through the Residency Review Committee for Pediatrics, as offering training of ONE year's duration which is integrated with a fully approved training program.

Hospitals, 17; Assistant Residencies and Residencies, 48

Seaside Memorial Hospital [1-3]	Long Beach, Calif.	W. Buerger	1,301	6	1	2	150
San Diego County General Hospital [1-3]	San Diego, Calif.	L. E. Beck	1,023	21	1	1	150

Numerical and other references will be found on pages 387 through 390.

18. PEDIATRICS—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [5]	Total Residencies Offered [5]	Beginning Stipend (Month)
Variety Children's Hospital	Miami, Fla.	.....	.....	..	..	..	...
Illinois Masonic Hospital [1-3]	Chicago, Ill.	I. Richter	3,608	32	3	3	115
Evanston Hospital [1-3]	Evanston, Ill.	A. L. Newcomb	1,416	5	1	1	225
Mercy Hospital [1-3]	Baltimore	F. B. Smith	571	4	1	2	275
Herman Kiefer Hospital [1-3-461]	Detroit	D. C. Young	1,541	35	3	3	513
Essex County Hospital for Contagious Diseases [1-3-461]	Belleville, N. J.	E. L. Smith	1,357	12	[2]	[2]	250
Wyckoff Heights Hospital [1-3-248]	Brooklyn, N. Y.	V. Larkin	392	4	3	6	100
Flushing Hospital and Dispensary [1-3]	Flushing, N. Y.	H. T. Vogel	4,564	50	1	2	175
St. Francis Hospital [1-3]	New York City	D. J. Dolan	3,457	..	1	[2]	125
Mercy Hospital [1-3]	Toledo, Ohio	J. J. Tansey	762	15	1	[2]	275
St. John's Hospital [1-3]	Tulsa, Okla.	G. R. Russell	3,791	16	2	8	175
Greenville General Hospital [1-3]	Greenville, S. C.	.....	1,852	20	1	1	125
St. Joseph Hospital [1-3-249]	Memphis, Tenn.	H. J. Jacobson	512	1	2	3	150
Baptist Hospital	Nashville, Tenn.	.....	.....	..	..	..	...
De Paul Hospital [1-3]	Norfolk, Va.	H. W. Fink	1,569	10	1	2	200

Residency programs in the following hospitals have been approved by the Council and the American Board of Pediatrics, through the Residency Review Committee for Pediatrics, as offering training of ONE year's duration. It should be noted that beginning July 1, 1957, only those hospitals which, either intramurally or through affiliation, are able to provide full training in the specialty, will continue to be approved. These residency programs will be reviewed prior to July 1, 1957 relative to their qualifying for continued approval.

Hospitals, 29; Assistant Residencies and Residencies, 81

Lloyd Noland Hospital [1-3]	Fairfield, Ala.	G. C. McCullough	1,387	2	2	4	225
Mobile County Hospital [1-3]	Mobile, Ala.	J. H. Baumhauer	1,224	33	1	1	250
Kaiser Foundation Hospital [1-3]	Oakland, Calif.	A. King	684	6	4	6	245
Mount Zion Hospital [1-3]	San Francisco	S. J. Robinson	1,159	2	..	1	150
Waterbury Hospital [1]	Waterbury, Conn.	J. L. Hetzel	2,286	8	1	2	225
Providence Hospital [1-3]	Washington, D. C.	G. Maksim	1,753	6	2	4	300
Hotel Dieu-Sisters Hospital [1]	New Orleans	E. A. Socola	2,077	12	2	3	225
Southern Baptist Hospital [1-3]	New Orleans	D. York	2,184	39	1	2	225
Central Maine General Hospital [1]	Lewiston, Maine	H. C. Thacher	1,001	10	1	1	225
Northwestern Hospital [1-3]	Minneapolis	R. Tudor	3,531	26	1	2	200
Cooper Hospital [1-3]	Camden, N. J.	V. Del Duca	901	12	1	1	83
St. Peter's Hospital [3]	Albany, N. Y.	H. F. Leahy	1,376	6	1	1	225
Greenpoint Hospital [1-3]	Brooklyn, N. Y.	I. Schiff	610	17	2	3	105
Methodist Hospital [1-3]	Brooklyn, N. Y.	W. R. Coles	1,001	24	1	2	175
Mary Immaculate Hospital [1-3]	Jamaica, N. Y.	A. Trivilino	1,688	12	1	1	100
Misericordia Hospital [1-3]	New York City	F. Castrovinci	508	2	1	2	125
Rochester General Hospital [1-3-256]	Rochester, N. Y.	E. H. Townsend, Jr.	643	8	3	3	125
Sea View Hospital [1-3-317]	Staten Island, N. Y.	B. Ratner	602	..	7	7	157
St. Joseph's Hospital [1-3]	Syracuse, N. Y.	G. Murdock	2,545	8	..	2	191
Rex Hospital [1]	Raleigh, N. C.	C. R. Bugg	1,292	9	1	2	200
Germantown Dispensary and Hospital [1-3]	Philadelphia	P. S. Barba	488	1	1	3	150
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	J. Ritter	416	3	1	1	...
St. Luke's and Children's Medical Center [1-3]	Philadelphia	H. A. Agerty	625	7	3	3	125
Western Pennsylvania Hospital [1-3]	Pittsburgh	F. A. Miller	532	3	2	2	225
Charles V. Chapin Hospital [1-3]	Providence, R. I.	M. Adelman	1,537	12	4	8	150
T. C. Thompson Children's Hospital [1-3]	Chattanooga, Tenn.	S. Smith	3,284	39	3	4	175
St. Paul's Hospital [1-3-398]	Dallas, Texas	D. Spegal	2,378	15	2	4	125
Santa Rosa Hospital [1-3]	San Antonio, Texas	M. L. Thornton	3,938	50	1	2	250
Kaulkeolani Children's Hospital [1-3]	Honolulu, T. H.	J. H. Peyton	3,478	25	4	4	200

19. PHYSICAL MEDICINE AND REHABILITATION

Residency programs in the following hospitals have been approved by the Council and the American Board of Physical Medicine and Rehabilitation, through the Residency Review Committee for Physical Medicine and Rehabilitation, as offering acceptable training in the specialty.

Hospitals, 59; Assistant Residencies and Residencies, 197

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Number of Treatments	First Year Residencies Offered [5]	Total Residencies Offered [5]	Length of Approved Program (Years)	Beginning Stipend (Month)
UNITED STATES ARMY								
Letterman Army Hospital [1]	San Francisco	W. H. Moore	1,937	97,982	1	3	3	...
Fitzsimons Army Hospital [1]	Denver	.....	7,690	263,572	1	3	3	...
Army Medical Center [1-3]	Washington, D. C.	A. F. Mastellone	14,334	240,383	1	3	3	...
VETERANS ADMINISTRATION								
Veterans Admin. Hospital [1-3]	Denver	C. C. Hoffman	3,323	338,086	..	..	3	...
Veterans Admin. Research Hospital [1]	Chicago	(See Northwestern University Medical Center)						
Veterans Admin. Hospital [1-3]	Boston (Jamaica Plain)	F. Friedland	2,520	142,684	..	1	3	...
Veterans Admin. Hospital [1-3]	East Orange, N. J.	C. R. Brooke	1,968	37,456	1	3	1	...
Veterans Admin. Hospital [1-3]	New York City (Bronx)	A. Ebel	4,446	338,950	2	3	3	...
Veterans Admin. Hospital	New York City (Manhattan)	E. L. Kristeller	925	25,446	2	5	2	...
Veterans Admin. Hospital [1-3]	Cleveland	H. T. Zankel	1,597	94,831	1	2	1	...
Veterans Admin. Hospital	Dayton, Ohio	L. Rosenberg	.....	.....	..	..	1	...
Veterans Admin. Hospital [1]	Oklahoma City	E. M. George	3,224	34,352	2	2	3	...
Veterans Admin. Hospital [1-3]	Portland, Ore.	E. W. Fowlks	2,976	141,360	1	3	3	...
Veterans Admin. Hospital [1-3]	Philadelphia	R. A. Schlesinger	11,358	41,967	1	1	2	...
Veterans Admin. Hospital [1]	Pittsburgh	S. Machover	1,073	41,505	..	2	2	...
Veterans Admin. Hospital [1-3]	Memphis, Tenn.	F. J. Schaffer	2,580	109,334	1	1	3	...
Veterans Admin. Hospital [1-3]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)						
Veterans Admin. Hospital [1-3]	Richmond, Va.	A. R. Dawson	4,198	221,516	1	3	3	...
Veterans Admin. Hospital [1-3]	Milwaukee (Wood)	R. Piaskoski	4,044	267,018	3	4	3	...
Veterans Admin. Hospital [1-3]	San Juan, P. R.	H. J. Flax	.....	.....	2	2	1	...

NONFEDERAL

Los Angeles County Hospital [1]	Los Angeles	E. Austin	24,358	56,251	1	1	3	246
White Memorial Hospital [1-3-20]	Los Angeles	F. B. Moor	4,971	18,648	1	3	3	151
Kaiser Foundation Hospital California Rehabilitation Center	Vallejo, Calif.	S. Mead	.....	.....	1	1	1	...
University of Colorado Medical Center [-468] Colorado General Hospital [1-3]	Denver	J. W. Gersten	15,554	35,570	1	2	3	160
Grace-New Haven Community Hospital [1-3]	New Haven, Conn.	T. F. Hines	1,282	28,521	1	3	3	50
District of Columbia General Hospital [1-3]	Washington, D. C.	J. Buchanan	3,694	46,040	1	3	3	153

Numerical and other references will be found on pages 387 through 390.

19. PHYSICAL MEDICINE AND REHABILITATION—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Number of Treatments	First Year Residencies Offered [3]	Total Residencies Offered [3]	Length of Approved Program (Years)	Beginning Stipend (Month)
Georgetown University Hospital	Washington, D. C.	.....	3,566	9,000	..	..	1	100
George Washington University Hospital [1-3]	Washington, D. C.	C. S. Wise	2,915	16,140	..	2	3	150
Georgia Warm Springs Foundation—Emory University [1-3]	Warm Springs, Ga.	R. L. Bennett	8,883	137,752	2	6	3	300
Northwestern University Medical Center [1-3-107]	Chicago	B. Boynton	19,187	105,689	1	3	3	...
Veterans Admin. Research Hospital [1]	Chicago	L. B. Newman	832	58,584	1	2	3	...
University of Kansas Medical Center [1-3]	Kansas City, Kan.	D. L. Rose	2,063	67,209	1	3	3	125
University of Louisville Affiliated Hospitals	Louisville, Ky.	R. O. McMorris	331	.....	..	..	3	...
Massachusetts General Hospital [1-3]	Boston	A. L. Watkins	15,788	.....	4	4	3	...
University Hospital [1-3]	Ann Arbor, Mich.	J. W. Rae, Jr.	.....	41,619	2	6	3	154
University of Minnesota Hospitals [1-3-216]	Minneapolis	F. J. Kottke	2,048	63,665	3	9	3	185
Mayo Foundation [1]	Rochester, Minn.	F. H. Krusen	17,977	96,888	3	7	3	150
Mary Hitchcock Memorial Hospital [1-3]	Hanover, N. H.	T. P. Anderson	1,952	26,221	1	2	3	188
Jewish Chronic Disease Hospital [1-3]	Brooklyn, N. Y.	J. B. Rogoff	2,500	57,844	1	3	3	175
Elmhurst General Hospital [1-3-458]	Elmhurst, N. Y.	E. Rogers	1,451	17,500	1	1	1	105
Bellevue Hospital Center Div. III—New York University College of Medicine [1-3-277]	New York City	H. A. Rusk	3,598	104,093	5	15	3	105
Bronx Municipal Hospital Center [1-3]	New York City	A. S. Abramson	.....	.....	2	5	3	105
Goldwater Memorial Hospital [1-3-269]	New York City	M. Dacso	936	115,785	2	5	3	104
Hospital for Joint Diseases [1-3]	New York City	A. S. Russek	30,915	52,032	1	1	1	80
Hospital for Special Surgery [1-3]	New York City	O. Austlid	2,510	31,578	1	1	1	100
Montefiore Hospital [1-3]	New York City	K. Harpuder	1,152	35,126	1	2	2	75
Mount Sinai Hospital [1-3]	New York City	W. Bierman	10,310	63,108	1	1	3	50
New York Medical College—Metropolitan Medical Center Bird S. Coler Memorial Hospital and Home [1-3]	New York City	J. S. Tobis	460	60,505	8	15	3	105
Metropolitan Hospital [1-3]	New York City	J. S. Tobis	589	34,217	1	3	3	105
Presbyterian Hospital [1]	New York City	R. C. Darling	52,385	225,372	..	3	3	308
St. Barnabas Hospital for Chronic Diseases [1-3]	New York City	R. A. Muller	16,753	90,177	1	3	1	75
St. Luke's Hospital [1-3]	New York City	R. Mueller	863	125,742	1	1	1	100
City Hospital [1-3]	Cleveland	N. Coyne	18,083	49,117	1	3	1	150
Cleveland Clinic Hospital [1-3]	Cleveland	P. A. Nelson	4,721	28,114	1	3	3	175
Highland View Hospital	Cleveland	M. Peszczynski	.....	.....	..	..	3	...
Ohio State University Hospitals University Hospital [1-3]	Columbus, Ohio	R. E. Worden	19,159	37,646	2	6	3	152
Hospital of the University of Pennsylvania [1-3]	Philadelphia	W. Erdman	2,108	24,985	2	6	3	...
Philadelphia General Hospital [1-3]	Philadelphia	A. Martucci	11,088	142,294	1	1	3	114
Baylor University Hospital	Dallas, Texas	E. M. Krusen	1,548	104,000	3	6	3	100
Gonzales Warm Springs Foundation Hospital for Crippled Children	Gonzales, Texas	O. Von Werssowetz	1,527	94,546	2	4	1	200
Baylor University College of Medicine Affiliated Hospitals Veterans Admin. Hospital [1-3]	Houston, Texas	L. A. Leavitt	8,785	126,905	2	5	3	...
Medical College of Virginia—Hospital Division [1-3]	Richmond, Va.	H. W. Park	4,483	55,785	2	6	3	50

20. PLASTIC SURGERY

Residency programs in the following hospitals have been approved by the Council and the American Board of Plastic Surgery, through the Residency Review Committee for Plastic Surgery, as offering acceptable training in the specialty

Hospitals, 41; Assistant Residencies and Residencies, 99

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [3]	Total Residencies Offered [3]	Length of Approved Program (Years)	Beginning Stipend (Month)
UNITED STATES ARMY								
Brooke Army Hospital [1-3]	San Antonio, Texas	H. B. Jennings, Jr.	404	..	1	3	..	...
VETERANS ADMINISTRATION								
Veterans Admin. Hospital [1-3-36]	Los Angeles	G. Webster	311	..	..	1	1	...
Veterans Admin. Hospital [1]	Hines, Ill.	(See University of Illinois Affiliated Hospitals)						
Veterans Admin. Hospital [1-3-291]	New York City (Bronx)	H. Conway	237	..	2	4	2	...
Veterans Admin. Hospital [1-3]	Durham, N. C.	(See Duke University Affiliated Hospitals)						
Veterans Admin. Hospital	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)						
Veterans Admin. Hospital [1-3]	White River Jct., Vt.	(See Dartmouth Medical School Affiliated Hospitals)						

NONFEDERAL

Franklin Hospital [1-3]	San Francisco	H. M. Blackfield	749	..	1	2	2	200
St. Francis Memorial Hospital [1-3]	San Francisco	G. W. Lee e	886	..	1	2	2	340
University of Illinois Affiliated Hospitals		P. W. Geeley	....	..	..	..	3	...
Illinois Research and Educational Hospitals [1-3]	Chicago	.....	309	..	..	1	..	200
St. Luke's Hospital [1-3]	Chicago	.....	188	3	1	1	..	75
Veterans Admin. Hospital [1]	Hines, Ill.	.....	236	..	1	1	..	...
Indiana University Medical Center [1]	Indianapolis	H. M. Traeger	437	..	..	1	2	215
University of Kansas Medical Center [1-3]	Kansas City, Kan.	D. Robinson	540	3	1	3	2	125
Johns Hopkins Hospital [1-3]	Baltimore	M. T. Edgerton	878	6	2	3	2	25
Henry Ford Hospital [1-3]	Detroit	R. H. Clifford	528	..	1	2	2	225
Mayo Foundation [1]	Rochester, Minn.	F. V. Figi	3,301	4	4	10	3	150
Barnes Hospital [1-3]	St. Louis	J. B. Brown	1,132	6	4	8	2	50
St. Mary's Group of Hospitals [1-3]	St. Louis	F. X. Paletta	814	6	1	2	2	120
Dartmouth Medical School Affiliated Hospitals Mary Hitchcock Memorial Hospital [1-3]	Hanover, N. H.	R. C. Tanzer	266	2	1	2	2	243
Veterans Admin. Hospital [1-3]	White River Jct., Vt.	.....	....	..	..	..	..	...
Hospital of Saint Barnabas and for Women and Children [1-3]	Newark, N. J.	L. A. Peer	757	2	..	2	2	200
Albany Hospital [1-3]	Albany, N. Y.	B. Macomber	468	..	2	4	2	160
St. Peters Hospital	Albany, N. Y.	.....	....	..	..	..	..	...
Veterans Admin. Hospital	Albany, N. Y.	.....	....	..	..	..	..	...
Kings County Hospital County Service [1]	Brooklyn, N. Y.	G. O'Brien	768	4	1	2	2	104
Roswell Park Memorial Institute [4-3]	Buffalo	F. S. Hoffmeister	450	14	..	1	1	275
Beth Israel Hospital [1-3-287]	New York City	A. J. Barsky	282	..	1	1	2	140
Columbia-Presbyterian Medical Center Francis Delafield Hospital	New York City	.....	....	..	..	..	3	...
Presbyterian Hospital [1]	New York City	T. W. Stevenson, Jr.	....	..	2	4	..	308
New York Hospital [1-3]	New York City	H. Conway	357	..	1	2	3	158.34
Strong Memorial-Rochester Municipal Hospital [1-3-261]	Rochester, N. Y.	R. McCormack	357	..	1	2	2	92
State University of New York Upstate Medical Center Hospitals [1-3]	Syracuse, N. Y.	L. E. Sutton	218	..	..	1	2	192

Numerical and other references will be found on pages 387 through 390.

20. PLASTIC SURGERY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
Duke University Affiliated Hospitals								
University Hospital [1-3]	Durham, N. C.	K. L. Pickrell	1,198	1	2	6	3	127
Veterans Admin. Hospital [1-3]	Durham, N. C.	K. Pickrell	206	1	..	2	2	...
Ohio State University Hospitals								
University Hospital [1-3]	Columbus, Ohio	B. C. Martin	Incl. in Surgery		..	4	2	152
University of Oklahoma Hospitals [1-3]	Oklahoma City	J. F. Burton	253	2	1	1	1	85
Allentown Hospital [1-3]	Allentown, Pa.	K. M. Mareks	646	..	1	1	2	225
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	A. Von Deilen-P. C. Iverson	160	..	1	1	2	100
Pittsburgh Medical Center	Pittsburgh	S. M. Dupertuis	513	..	..	4	2	125
Baylor University Hospital [1-3]	Dallas, Texas	J. T. Mills	633	..	2	2	2	195
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	T. G. Blocker, Jr.	937	13	2	5	3	160
Baylor University College of Medicine Affiliated Hospitals			....	..	..	..	2	...
Jefferson Davis Hospital [1-3]	Houston, Texas	S. B. Hardy	206	..	2	4	..	125
Methodist Hospital	Houston, Texas		....	..	..	..	..	...
Texas Children's Hospital	Houston, Texas		....	..	..	..	..	...
Veterans Admin. Hospital	Houston, Texas		....	..	..	..	..	...
University Hospitals [1-3]	Madison, Wis.	W. B. Slaughter	500	5	1	2	2	175

21. PREVENTIVE MEDICINE AND PUBLIC HEALTH

Residency programs in the following states have been approved for TWO years of training by the Council and the American Board of Preventive Medicine and Public Health, through the Residency Review Committee for Preventive Medicine and Public Health.

PRTVENTIVE MEDICINE AND PUBLIC HEALTH

Department of Health	Location	Director	Local Areas	Population	Stipend (Month)
State of California	Berkeley	M. H. Merrill	Alameda County [a]	244,700*	$458 max.
			Monterey County	164,400*	.....
			Orange County	346,200*	.....
State of Delaware	Dover	F. I. Hudson	Kent and New Castle Counties [b]	184,000*	$400-500
State of Florida	Jacksonville	W. T. Sowder	Alachua County	62,441*	$500 [c]
			Dade-Miami	691,244*	.....
			Hillsborough-Tampa	323,023*	.....
			Pinellas-St. Petersburg	207,066*	.....
State of Illinois	Springfield	R. R. Cross	Cook County [d] [e]	743,988	$416-500
			Will County [e]	134,366	.....
State of Kansas	Wichita	T. R. Hood	Kansas City-Wyandotte	189,000	[f] [g]
			Topeka-Shawnee	115,006	.....
			Wichita-Sedgwick	297,388	.....
State of Maryland	Baltimore	P. F. Prather	Anne Arundel County	143,126	[g]
			Baltimore County	330,358	.....
			Eastern Health District of Baltimore City	333,000*	.....
			Montgomery County	206,657	.....
			Washington County	84,161	.....
State of Massachusetts	Boston	S. B. Kirkwood	[h]		
State of Michigan	Lansing	A. E. Heustis	Calhoun County	123,230	$400
			Detroit	1,966,270	.....
			Kalamazoo City-County	136,460	.....
			Michigan Dept. of Health	[m]	.....
			Wayne County [j]	531,710	.....
State of Minnesota	Minneapolis	A. J. Chesley, Secy. and Ex. Off.	Olmstead-Rochester	47,728*	75% of what job will pay [k]
New York City	New York City	H. P. Kandle, Dep. Com.	[n]	8,010,000*	$443
State of New York	Albany	H. E. Hilleboe	(1)	(1)	$475
State of North Carolina	Raleigh	J. W. R. Norton	Charlotte-Mecklenburg County	211,754*	.....
			Forsyth-Winston-Salem	152,524*	$500
			Halifax	58,981*	.....
			Orange-Person-Chatham-Lee	112,965*	.....
State of Oregon	Portland	H. M. Erickson	Multnomah County	119,810*	$500 [i]
State of Texas	Austin	F. C. Kluth		.....	$700
State of Virginia	Richmond	R. G. Beachley	Arlington County	155,000*	$700
State of Washington	Seattle	B. Bucove	King-Seattle	773,900*	$500
			Clark-Skamania	90,600*	.....
			Tacoma-Pierce	301,700*	.....

* Estimated.

(a) Excludes Alameda, Berkeley, and Oakland cities with full-time health officers, and Albany with part-time officer.

(b) Excludes the city of Wilmington.

(c) To those planning to work in state; transportation costs only to others.

(d) Excludes Berwyn, Chicago, Evanston, Oak Park, Stickney Township, and Winnetka (including Glencoe, Kenilworth, Northbrook, and remainder of New Trier Township), all with full-time health officers.

(e) Assistance can be arranged for securing the MPH degree in the midst of, or after completion of, residency experience. Appointments normally are limited to those training for service in Illinois.

(f) Arrangements for remuneration made on an individual basis.

(g) Arrangements for remuneration made upon determination of field of interest and location desired.

(h) Training is given in a combination of one county, one union health, and seven municipal health departments and in the divisions of the State Department of Health.

(i) Assistance can be arranged for securing the MPH degree after successful completion of residency experience. Appointments will be limited to those training for service in Oregon.

(j) Excludes Detroit and Dearborn, each with full-time health officers.

(k) To those training for service in Minnesota only.

(l) Training is given in any one of 10 city health departments, 16 county health departments, or 15 district offices within the state.

(m) Training to be with Michigan Department of Health, with field experience in local health departments.

(n) Includes training at Montefiore Hospital.

Numerical and other references will be found on pages 387 through 390.

22. PROCTOLOGY

Residency programs in the following hospitals have been approved by the Council and the American Board of Proctology, through the Residency Review Committee for Proctology, as offering acceptable training in the specialty.

Hospitals, 13; Assistant Residencies and Residencies, 29

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [2]	Total Residencies Offered [2]	Length of Approved Program (Years)	Beginning Stipend (Month)
White Memorial Hospital [1-2]	Los Angeles	H. M. Young	390	..	1	1	1	151
Ochsner Foundation Hospital [1]	New Orleans	M. O. Hines	629	1	1	1	1	233
Ferguson-Droste-Ferguson Hospital [1-2]	Grand Rapids, Mich.	J. A. Ferguson	2,100	20	1	4	2	233
University of Minnesota Hospitals [1-2]	Minneapolis	W. A. Fansler	.....	..	1	1	1	187
Mayo Foundation [1]	Rochester, Minn.	R. J. Jackman	.....	..	1	8	1	150
Buffalo General Hospital	Buffalo	L. S. Knapp	620	3	1	2	2	175
Millard Fillmore Hospital	Buffalo	W. H. Bernhoft	302	1	1	2	2	287
Youngstown Hospital [1-2]	Youngstown, Ohio	P. J. Fuzy, Sr.	679	7	1	2	2	175
Allentown Hospital [1-2]	Allentown, Pa.	M. S. Kleckner	700	4	1	1	2	225
Temple University Hospital [1-2]	Philadelphia	H. E. Bacon	838	8	..	..	2	..
Pittsburgh Medical Center	Pittsburgh	K. M. Zimmerman	442	..	1	2	2	125
Baylor University Hospital [1-2]	Dallas, Texas	C. Rosser	964	1	1	1	2	165
Milwaukee County Hospital [1-2]	Milwaukee	L. J. Schwade	356	8	1	2	2	..

23. PSYCHIATRY

Residency programs in the following hospitals have been approved for THREE years of training by the Council and the American Board of Psychiatry and Neurology, through the Residency Review Committee for Psychiatry and Neurology. (Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc. should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program or programs approved at the two or three year level—see summary of requirements, American Board of Psychiatry and Neurology, Inc., page 418.)

Hospitals, 159; Assistant Residencies and Residencies, 2296

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [2]	Total Residencies Offered [2]	Program Identification	Beginning Stipend (Month)
UNITED STATES ARMY								
Letterman Army Hospital [1]	San Francisco	O. M. Weaver	619	..	5	15	12	...
Fitzsimons Army Hospital [1]	Denver	P. B. Smith	533	..	2	6	..	...
Army Medical Center [1-2]	Washington, D. C.	H. I. Glass	961	..	6	16	..	...
UNITED STATES NAVY								
U. S. Naval Hospital	Bethesda, Md.	J. E. Nardini	592	..	3	7	..	...
UNITED STATES PUBLIC HEALTH SERVICE								
U. S. Public Health Service Hospital [1]	Lexington, Ky.	R. W. Rasor-R. P. Cutler	3,645	6	5	13	30	...
DEPARTMENT OF HEALTH, EDUCATION AND WELFARE								
Freedmen's Hospital [1-2]	Washington, D. C.	E. Y. Williams	290	..	1	2	..	218
St. Elizabeth's Hospital [1-2]	Washington, D. C.	W. Overholser	8,634	245	12	24	20	308
VETERANS ADMINISTRATION								
Veterans Admin. Hospital [1]	No. Little Rock, Ark.	(See University of Arkansas Affiliated Hospitals)						
Veterans Admin. Hospital [1-2]	Long Beach, Calif.	M. Feld	437	..	1	3	..	...
Veterans Admin. Hospital [1-2-57]	Los Angeles	J. T. Ferguson	3,219	132	18	54	11	...
Veterans Admin. Hospital [1-2-43]	Palo Alto, Calif.	H. D. Von Witzleben	2,060	31	11	33	14	...
Veterans Admin. Hospital	Sepulveda, Calif.	N. C. Mace	886	3	..	8	..	...
Veterans Admin. Hospital [1-2-56]	Denver	L. L. Woodfin	719	1	1	8	..	...
Veterans Admin. Hospital—West Haven Division [1-2-75]	West Haven, Conn.	E. B. Brody	366	..	10	21	18	...
Veterans Admin. Hospital [1-2-91]	Augusta, Ga.	M. Dunn	2,149	32	3	6	21	...
Veterans Admin. West Side Hospital [1-2]	Chicago	L. Halperin	300	11	3	6	..	...
Veterans Admin. Hospital [1-112]	Downey, Ill.	M. Klotz	4,086	82	20	38	..	...
Veterans Admin. Hospital [1]	Hines, Ill.	L. Jensen	702	3	5	14	25	...
Veterans Admin. Hospital [1]	Indianapolis	(See Indiana University Affiliated Hospitals)						
Veterans Admin. Hospital [1-2-151]	Topeka, Kan.	F. F. Merker	2,001	16	21	61	29	...
Veterans Admin. Hospital [1-2]	Louisville, Ky.	(See University of Louisville Hospitals)						
Veterans Admin. Hospital [1-2]	Perry Point, Md.	W. M. Harris	2,286	27	3	10	37	...
Veterans Admin. Hospitals of the Boston Area								
Veterans Admin. Hospital [1-2-102]	Bedford, Mass.	A. H. Braverman	2,302	39	2	5	39	...
Veterans Admin. Hospital [1-2]	Boston (Jamaica Plain)	W. Bloomberg	869	1	5	15	..	...
Veterans Admin. Hospital [1-2]	Brockton, Mass.	A. S. Mason	1,231	10	6	6	..	...
Veterans Admin. Hospital [1-2-198]	Dearborn, Mich.	J. L. Kubanek	431	2	2	5	45	...
Veterans Admin. Hospital [1-2]	Minneapolis	W. Simon	505	1	2	2	46	...
Veterans Admin. Hospital—(Gulfport Division) [1]	Biloxi, Miss.	E. R. Bennett	1,676	13	2	4	34	...
Veterans Admin. Hospital [1-2-282]	St. Louis	B. A. Cruvant	122	2	3	9	..	...
Veterans Admin. Hospital [1-2]	Omaha	F. A. Majka	458	6	4	5	53	...
Veterans Admin. Hospital [1-2-244]	Lyons, N. J.	M. P. Rosenblum	2,408	31	2	6	54	...
Veterans Admin. Hospital [1-2-247]	Albany, N. Y.	I. C. Funk	529	12	2	5	..	...
Veterans Admin. Hospital [1-2]	Brooklyn, N. Y.	J. Barasch	334	2	2	4	57	...
Veterans Admin. Hospital [1-2-273]	Montrose, N. Y.	G. Rosenberg	2,320	31	5	15	61	...
Veterans Admin. Hospital [1-2-304]	New York City (Bronx)	H. L. Flowers	1,264	..	9	26	60	...
Veterans Admin. Hospital [1-2-269]	New York City (Manhattan)	D. P. Morton	317	1	20	50	..	...
Veterans Admin. Hospital	Syracuse, N. Y.	(See State University of New York Upstate Medical Center)						
Veterans Admin. Hospital [1-2]	Durham, N. C.	J. B. Parker, Jr.	347	..	4	8	..	...
Veterans Admin. Hospital [1-2-541]	Cleveland	(See University Hospitals)						
Veterans Admin. Hospital [1-2-580]	Oklahoma City	H. B. Witten	288	..	6	6	..	...
Veterans Admin. Hospital [1-2-595]	Coatesville, Pa.	R. F. Ritchie	2,105	36	5	11	73	...
Veterans Admin. Hospital [1]	Nashville, Tenn.	B. T. Bennett	192	..	2	2	76	...
Veterans Admin. Hospital [1-2]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)						
Veterans Admin. Hospital [1-411]	Salt Lake City	(See University of Utah Affiliated Hospitals)						
Veterans Admin. Hospital [1-2]	Richmond, Va.	J. B. Funkhouser	674	..	1	3	82	...
Veterans Admin. Hospital [1-2]	Roanoke, Va.	(See University of Virginia Medical Center Hospitals, Charlottesville, Va.)						
Veterans Admin. Hospital [1-2]	Seattle	M. H. Johnson	323	2	2	8	83	...
Veterans Admin. Hospital [1-2]	Milwaukee (Wood)	B. S. Wells	1,656	13	..	2	..	...

Numerical and other references will be found on pages 387 through 390.

23. PSYCHIATRY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [a]	Total Residencies Offered [a]	Program Identification	Beginning Stipend (Month)
University of Arkansas Affiliated Hospitals								
Arkansas State Hospital [1-18]	Little Rock, Ark.	W. P. Kolb	1,902	120	3	8	..	500
Veterans Admin. Hospital [1]	No. Little Rock, Ark.	E. S. Chappell	3,437	66	4	12	49	...
Los Angeles County Hospital [1]	Los Angeles	J. R. Peters	9,827	37	4	10	..	246
University of California Medical Center [1-3]	Los Angeles	N. Q. Brill	....	..	4	10	..	259
Metropolitan State Hospital [1-3-40]	Norwalk, Calif.	R. E. Wyers	3,687	47	6	18	15	584
Langley Porter Clinic Hospital [1-44]	San Francisco	K. M. Bowman	300	514	13	46	18	87
Stanford University Hospitals [1-3]	San Francisco	G. S. Johnson	255	1	2	6	..	80
University of Colorado Medical Center [-463]								
Colorado Psychopathic Hospital [1-3]	Denver	H. S. Gaskill	714	1	12	40	16	216
Institute of Living [1-3]	Hartford, Conn.	F. J. Braceland	969	..	8	16	..	333
Grace-New Haven Community Hospital [1-3]	New Haven, Conn.	T. Lidz	52	..	..	12	17	50
Norwich State Hospital [1-3-73]	Norwich, Conn.	R. H. Kettle	4,592	76	6	18	..	440
Delaware State Hospital	Farnhurst, Del.	M. A. Tarumianz	1,400	98	4	11	10	200
Jackson Memorial Hospital [1-3]	Miami, Fla.	M. H. Greenhill	996	1	5	17	..	167
University Hospital [1]	Augusta, Ga.	H. M. Cleckley	671	1	3	5	..	200
Chicago State Hospital [1-3-93]	Chicago	K. Gyarfas	6,506	91	9	25	23	280
Cook County Hospital [1-3]	Chicago	V. G. Urse	7,674	8	2	5	..	250
Michael Reese Hospital [1-3-101]	Chicago	R. R. Grinker	790	2	5	15	..	...
Northwestern University Medical Center [1-3-105]	Chicago	B. Boshes	4,690	84	8	38	..	...
Chicago Wesley Memorial Hospital [1-3]	Chicago	B. Boshes	561	..	..	1	..	75
Veterans Admin. Hospital	Downey, Ill.	M. Keotz	....	..	..	..	26	...
St. Luke's Hospital [1-3]	Chicago	R. Mackay	329	5	1	3	22	75
Stritch School of Medicine Affiliated Hospitals [-471]		J. J. Madden	....	..	..	..	..	...
Loretto Hospital [1-3]	Chicago		559	2	1	1	..	200
Mercy Hospital [1-3]	Chicago		344	1	1	1	..	100
University of Chicago Clinics [1-3]	Chicago	C. K. Aldrich	86	..	2	2	..	260
University of Illinois Neuropsychiatric Institute [1-3-110]	Chicago	F. J. Gerty	195	..	3	9	27	125
Indiana University Affiliated Hospitals								
Indianapolis General Hospital [1-3]	Indianapolis	D. Schuster	513	5	..	..	28	205
Indiana University Medical Center Hospital [1-124]	Indianapolis	J. I. Nurnberger	....	..	12	39	28	365
Veterans Admin. Hospital [1]	Indianapolis	E. J. Fogel	887	.	..	..	..	...
Iowa State Psychopathic Hospital [1-3]	Iowa City	P. E. Huston	341	1	4	12	..	200
University of Kansas Medical Center [1-3]	Kansas City, Kan.	W. Roth, Jr.	150	..	4	12	..	175
C. F. Menninger Memorial Hospital	Topeka, Kan.	K. A. Menninger	192	..	..	8	29	300
Topeka State Hospital [1-3]	Topeka, Kan.	W. S. Simpson	2,005	59	26	69	29	300
University of Louisville Hospitals			....	..	8	16	10	...
Central State Hospital [1-3]	Lakeland, Ky.	W. Fox	3,138	5	..	..	..	300
Veterans Admin. Hospital [1-3]	Lexington, Ky.	(See Listing of Veterans Admin. Hospital, Lexington, Ky., in Following Section)						
Louisville General Hospital [1-3]	Louisville, Ky.	W. K. Keller	915	4	..	..	..	200
Norton Memorial Infirmary [1-3]	Louisville, Ky.	S. S. Ackerly	226	..	..	..	..	...
Veterans Admin. Hospital [1-3]	Louisville, Ky.	A. Guiglia	493	6	..	..	32	...
Charity Hospital of Louisiana								
Louisiana State University Unit [1]	New Orleans	R. A. Matthews	504	4	4	12	35	100
Tulane University Unit [1-449-448]	New Orleans	R. G. Heath	269	3	2	6	34	100
Johns Hopkins Hospital [1-3]	Baltimore	J. C. Whitehorn	254	..	17	18	36	25
University Hospital [1-3]	Baltimore	J. E. Finesinger	190	2	5	15	..	150
Spring Grove State Hospital [1-3]	Catonsville, Md.	I. Tuerk	4,675	95	6	17	..	300
Sheppard and Enoch Pratt Hospital [1-3]	Towson, Md.	H. M. Murdock	511	11	5	12	..	208
Boston State Hospital [1]	Boston	J. Mann	3,004	112	14	29	..	255
Massachusetts Memorial Hospitals [1-3]	Boston	W. Malamud	....	..	..	8	38	250
Massachusetts Mental Health Center [1]	Boston	H. C. Solomon	841	2	15	33	..	250
Worcester State Hospital [1-3]	Worcester, Mass.	D. Rothschild	3,504	79	9	18	..	255
University Hospital [1-3-469]	Ann Arbor, Mich.	R. W. Waggoner	604	..	9	40	..	321
Henry Ford Hospital [1-3]	Detroit	L. D. Proctor	407	2	1	3	41	225
Receiving Hospital [1-3]	Detroit	J. M. Dorsey	5,869	24	2	7	44	260
Wayne County General Hospital and Infirmary [1-3]	Eloise, Mich.	J. A. Belisle	4,998	79	5	11	10	518
Northville State Hospital [1-3]	Northville, Mich.	G. R. Forrer	1,820	38	5	15	..	541
Pontiac State Hospital [1-3-196]	Pontiac, Mich.	I. A. LaCore	3,580	57	8	20	10	510
Ypsilanti State Hospital [1-3]	Ypsilanti, Mich.	O. R. Yoder	4,100	101	6	18	..	589
University of Minnesota Hospitals [1-3-467]	Minneapolis	D. W. Hastings	392	1	2	8	..	185
Mayo Foundation [1-468]	Rochester, Minn.	H. P. Rome	1,123	..	3	12	47	150
Mississippi State Hospital [1]	Whitfield, Miss.	J. J. Head	7,714	76	6	6	..	300
Kansas City General Hospital No. 1 [1-3]	Kansas City, Mo.		....	..	..	..	..	...
Barnes Hospital [1-3]	St. Louis	E. F. Gildea	522	..	10	15	10	50
St. Louis City Hospital [1-3]	St. Louis	G. A. Ulett	1,224	13	4	9	..	190
St. Louis State Hospital [1-3]	St. Louis	L. H. Kohler	3,330	52	7	21	..	300
Nebraska Psychiatric Institute [1-3-466]	Omaha	C. Wittson	198	..	8	25	51	275
Albany Hospital [1-3]	Albany, N. Y.	W. Holt	1,427	5	2	6	..	160
Brooklyn State Hospital [1-3]	Brooklyn, N. Y.	N. Beckenstein	5,269	17	6	17	..	450
Kings County Hospital								
University Service [1]	Brooklyn, N. Y.	H. W. Potter	9,150	31	10	30	..	156
Buffalo State Hospital [1-3]	Buffalo	D. Whitehead	4,925	92	4	8	..	450
Edward J. Meyer Memorial Hospital [1]	Buffalo	S. M. Small	2,621	25	1	3	..	323
Central Islip State Hospital [1-3-207]	Central Islip, N. Y.	F. J. O'Neill	11,238	273	8	24	..	425
Hillside Hospital [1-3]	Glen Oaks, N. Y.	J. S. A. Miller	575	..	9	19	10	200
Bellevue Hospital Center								
Div. III—New York University								
College of Medicine [1-3-276]	New York City	A. Zitron	17,094	113	28	85	58	105
Bronx Municipal Hospital Center	New York City	M. Rosenbaum	....	..	7	24	..	105
Columbia-Presbyterian Medical Center		L. C. Kolb	....	..	..	..	..	...
New York State Psychiatric Institute [1-3-316]	New York City		310	2	6	6	..	425
Presbyterian Hospital [1]	New York City		....	..	2	4	..	250
Manhattan State Hospital [1-3-287]	New York City	J. H. Travis	4,315	99	13	13	59	425
New York Hospital [1-3]	New York City	O. Diethelm	204	..	4	13	..	141
St. Luke's Hospital	New York City	J. M. Cotton	....	..	..	3	..	100
Rockland State Hospital [1-3-297]	Orangeburg, N. Y.	A. M. Stanley	9,906	126	12	12	10	431
Hudson River State Hospital [1-3-307]	Poughkeepsie, N. Y.	O. A. Kilpatrick	4,493	55	9	22	62	425
Creedmoor State Hospital [1-3-296]	Queens Village, N. Y.	H. A. LaBurt	8,328	137	9	35	..	425
Rochester State Hospital [1-3-313]	Rochester, N. Y.	C. F. Terrence	4,754	59	3	7	64	450
Strong Memorial-Rochester								
Municipal Hospital [1-3-314]	Rochester, N. Y.	J. Romano	1,298	2	5	15	63	92
Ellis Hospital [1-3]	Schenectady, N. Y.	E. Davidoff	1,508	3	1	3	..	150
State University of New York Upstate								
Medical Center Hospitals	Syracuse, N. Y.	R. H. Phillips	665	3	5	15	..	192
Veterans Admin. Hospital	Syracuse, N. Y.	E. Stainbrook	....	..	..	..	..	...
Syracuse Psychopathic Hospital [1-3]	Syracuse, N. Y.	R. F. Binzley	532	3	2	6	66	425
Grasslands Hospital [1-3]	Valhalla, N. Y.	F. V. Rockwell	1,304	6	2	7	..	225
Pilgrim State Hospital [1-3]	West Brentwood, N. Y.	H. J. Worthing	14,325	321	20	40	..	400

Numerical and other references will be found on pages 387 through 390.

23. PSYCHIATRY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered	Total Residencies Offered	Program Identification	Beginning Stipend (Month)
New York Hospital—Westchester Division [1-3-308]	White Plains, N. Y.	J. H. Wall	742	5	6	12	..	150
North Carolina Memorial Hospital [1-3]	Chapel Hill, N. C.	G. C. Ham	550	..	12	34	..	300
Duke University Hospital [1-3-322-323]	Durham, N. C.	E. W. Busse	369	1	6	20	..	300
Graylyn—North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	L. J. Thompson	512	..	2	9	..	167
Cincinnati General Hospital [1-3-333]	Cincinnati	M. Levine	1,134	7	12	40	69	112
Cleveland Receiving Hospital [1-3]	Cleveland	E. N. Hinko	1,163	13	6	12	..	333
Western Reserve University Medical School Affiliated Hospitals								
University Hospitals [1-3-348]	Cleveland	D. D. Bond	307	..	3	10	71	125
Veterans Admin. Hospital [1-3]	Cleveland	L. Halle	213	..	2	5	71	...
Ohio State University Hospitals								
Columbus Receiving Hospital [1-3-346]	Columbus, Ohio	R. M. Patterson	485	..	6	21	10	333
University of Oklahoma Hospitals [1-3]	Oklahoma City	L. J. West	....	..	6	14	..	...
Danville State Hospital [1-3-366]	Danville, Pa.	R. L. Gatski	3,347	39	9	23	..	231
Norristown State Hospital [1]	Norristown, Pa.	A. P. Noyes	5,495	100	8	26	..	333
Pennsylvania Hospital—The Institute and the Department for Mental and Nervous Diseases [1-3]	Philadelphia	L. H. Smith	609	..	6	12	72	200
Philadelphia General Hospital [1-3]	Philadelphia	J. Stauffer	2,097	25	7	7	..	375
Philadelphia Psychiatric Hospital [1-3]	Philadelphia	S. Cohen	1,086	..	6	15	..	167
Temple University Hospital [1-3]	Philadelphia	O. S. English	135	..	..	..	74	...
Western Psychiatric Institute and Clinic [1-3]	Pittsburgh	H. W. Brosin	413	..	15	57	75	272
Warren State Hospital [1-3]	Warren, Pa.	R. H. Israel	4,116	127	12	30	..	433
Gailor Psychiatric Hospital [1-3]	Memphis, Tenn.	T. S. Hill	333	..	4	11	..	250
Vanderbilt University Hospital [1-3]	Nashville, Tenn.	W. F. Orr	123	..	2	6	76	50
Parkland Memorial Hospital [1-3]	Dallas, Texas	E. L. McCranie	158	2	3	8	10	50
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	T. Harris	2,698	17	10	30	77	100
Baylor University College of Medicine Affiliated Hospitals								
Jefferson Davis Hospital [1-3]	Houston, Texas	W. T. Lhamon	290	2	1	1	..	75
Methodist Hospital	Houston, Texas	.....	..	..	..	..	..	...
Veterans Admin. Hospital [1-3]	Houston, Texas	A. D. Pokorny	1,351	6	5	13	78	...
University of Utah Affiliated Hospitals								
Salt Lake County General Hospital	Salt Lake City	C. H. Hardin Branch	313	..	5	15	..	150
Veterans Admin. Hospital [1]	Salt Lake City	L. D. Clark	728	7	4	8	..	...
University of Virginia Medical Center Hospitals								
University of Virginia Hospital [1-3-417]	Charlottesville, Va.	R. W. Garnett, Jr.	748	..	8	20	80	...
Veterans Admin. Hospital [1-3]	Roanoke, Va.	R. R. Rudolph	2,292	2	1	3	68, 80	...
Medical College of Virginia-Hospital Division [1-3]	Richmond, Va.	R. F. Gayle, Jr.	715	2	1	3	..	50
University Hospitals [1-3]	Madison, Wis.	R. Roessler	1,142	6	3	9	..	175
Hospital Hato Tejas	Bayamon, P. R.	.....	.....	..	..	..	..	...

Residency programs in the following hospitals have been approved for TWO years of training by the Council and the American Board of Psychiatry and Neurology, through the Residency Review Committee for Psychiatry and Neurology. (Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc. should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program or programs approved at the two or three year level —see summary of requirements, American Board of Psychiatry and Neurology, Inc., page 418.)

Hospitals, 61; Assistant Residencies and Residencies, 459

FEDERAL

UNITED STATES NAVY

U. S. Naval Hospital [1-3]	Oakland, Calif.	M. E. Roudebush	1,117	2	1	2	..	...
U. S. Naval Hospital [1-3]	Philadelphia	J. F. McMullin	1,032	5	1	3	..	...

VETERANS ADMINISTRATION

Veterans Admin. Hospital [1-3]	Tuskegee, Ala.	P. P. Barker	1,814	38	2	2	..	...
Veterans Admin. Hospital [1-3]	Lexington, Ky.	E. W. Straus	1,710	24	1	1	31	...
Veterans Admin. Hospital [1-3]	New Orleans	R. W. Buddington	252	...	1	2	34	...
Veterans Admin. Hospital [1-3]	Buffalo	B. G. Schuttkeker	332	1	1	2	56	...
Veterans Admin. Hospital [1-3-281]	Canandaigua, N. Y.	D. Davis	1,912	24	3	6	65	...

NONFEDERAL

Herrick Memorial Hospital [1-3]	Berkeley, Calif.	A. E. Bennett	471	1	1	3	..	175
Camarillo State Hospital [1-20]	Camarillo, Calif.	F. H. Garrett	10,180	150	2	6	..	358
Mount Zion Hospital [1-3]	San Francisco	N. Reider	112	...	..	6	..	150
Colorado State Hospital [1-3]	Pueblo, Colo.	E. L. Durrill	7,554	39	12	18	..	415
Connecticut State Hospital [1-3]	Middletown, Conn.	H. S. Whiting	4,450	70	8	17	..	440
Fairfield State Hospital [1-3]	Newtown, Conn.	J. E. Oltman	4,131	189	8	18	..	440
District of Columbia General Hospital [1-3]	Washington, D. C.	J. Schultz	3,891	6	3	3	..	178
Georgetown University Hospital	Washington, D. C.	G. N. Raines	.....	...	6	14	..	100
Duval Medical Center [1-3]	Jacksonville, Fla.	S. G. Bedell	594	3	2	6	..	175
Mount Sinai Hospital [1-3]	Chicago	H. H. Garner	449	6	1	2	..	100
Norways Foundation Hospital [1-3]	Indianapolis	C. K. Hepburn	886	...	2	8	..	350
Seton Institute [1-3]	Baltimore	L. H. Bartemeier	672	...	3	12	..	250
Springfield State Hospital [1-3]	Sykesville, Md.	I. L. Hitchman	4,597	99	3	8	..	291
Beth Israel Hospital [1-3]	Boston	G. L. Bibring	.....	...	..	7	..	200
Massachusetts General Hospital [1-3]	Boston	E. Lindemann	386	...	2	3	40	67
Foxborough State Hospital [1-3]	Foxborough, Mass.	J. T. Shea	1,769	54	4	8	..	491
Metropolitan State Hospital [1]	Waltham, Mass.	M. Asekoff	2,919	85	2	4	..	255
McLean Hospital [1-3]	Waverley, Mass.	A. H. Stanton	507	6	2	10	40	...
Minneapolis General Hospital [1-3]	Minneapolis	R. W. Anderson	691	3	1	2	..	185
Homer G. Phillips Hospital [1-3]	St. Louis	E. F. Gildea	1,079	10	3	8	..	191
Hastings State Hospital [1-3]	Ingleside, Neb.	J. A. Wolford	1,962	50	6	12	52	400
Creighton Memorial-St. Joseph's Hospital [1]	Omaha	F. Barta	840	3	2	6	..	175
Essex County-Overbrook Hospital [1-3]	Cedar Grove, N. J.	J. G. Sutton	3,600	96	8	17	..	...
New Jersey State Hospital [1-3]	Greystone Park, N. J.	A. Crandell	9,885	210	4	8	..	300
New Jersey State Hospital [1-3-225]	Marlboro, N. J.	J. B. Gordon	4,957	151	1	2	..	495
New Jersey Neuropsychiatric Institute [1-3]	Skillman, N. J.	R. S. Garber	1,417	26	6	12	..	495
New Jersey State Hospital [1-3]	Trenton, N. J.	H. S. Magee	1,758	123	6	15	10	555
St. Vincent's Hospital	Harrison, N. Y.	R. D. Isernia	551	...	2	4	..	275
Gowanda State Homeopathic Hospital	Helmuth, N. Y.	I. M. Rossman	3,774	86	..	6	..	450
Kings Park State Hospital [1-3]	Kings Park, N. Y.	C. Buckman	11,188	127	4	7	..	600
Marey State Hospital [1-3]	Marcy, N. Y.	N. Bigelow	3,067	46	5	5	..	213
Middletown State Homeopathic Hospital [1-3]	Middletown, N. Y.	H. Pleasure	4,133	92	4	8	..	450
Mount Sinai Hospital [1-3]	New York City	M. R. Kaufman	111	...	..	9	..	50
St. Lawrence State Hospital [1-3]	Ogdensburg, N. Y.	H. B. Snow	3,180	47	8	16	..	425
High Point Hospital [1-3]	Port Chester, N. Y.	A. Grainick	125	..	..	4	..	375
Utica State Hospital [1-3]	Utica, N. Y.	B. B. Young	2,807	54	3	5	..	425
Willard State Hospital [1-3]	Willard, N. Y.	K. Kelli	3,655	87	4	8	..	450
Harlem Valley State Hospital [1-3]	Wingdale, N. Y.	L. P. O'Donnell	6,613	75	5	5	55	425

Numerical and other references will be found on pages 387 through 390.

23. PSYCHIATRY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Treated Inpatients	Autopsies	First Year Residencies Offered [4]	Total Residencies Offered [4]	Program Identification	Beginning Stipend (Month)
State Hospital [1-3]	Raleigh, N. C.	W. A. Sikes	3,524	36	4	8	..	336
Cleveland Clinic Hospital [1-3]	Cleveland	L. J. Karnosh	266	2	1	2	70	175
Columbus State Hospital	Columbus, Ohio	B. Kovitz	3,470	106	4	12	10	575
Harding Sanitarium [1]	Worthington, Ohio	H. S. Evans	676	1	2	4	..	...
Central State Griffin Memorial Hospital [1-3]	Norman, Okla.	H. G. Hightower	1,224	40	4	8	..	500
Oregon State Hospital [1]	Salem, Ore.	H. L. Nelson	6,259	149	3	6	..	570
Harrisburg State Hospital [1-3]	Harrisburg, Pa.	H. C. Eaton	2,750	60	4	8	..	433
Friends Hospital [1-3]	Philadelphia	T. L. Dehne	521	8	4	6	..	300
Hospital of the University of Pennsylvania [1-3]	Philadelphia	K. Appel	.....	...	4	20	..	200
Philadelphia State Hospital [1-3]	Philadelphia	E. L. Sielke	7,307	33	6	12	..	516
St. Francis General Hospital and Rehabilitation Institute [1]	Pittsburgh	H. L. Mitchell	4,220	24	1	3	..	200
State Hospital for Mental Diseases [1-3]	Howard, R. I.	J. F. Regan	4,768	89	8	14	..	396
Timberlawn Sanitarium [1]	Dallas, Texas	G. F. Witt	586	...	3	6	..	350
Eastern State Hospital [1-3]	Williamsburg, Va.	G. L. Jones	3,335	76	7	14	81	640
Milwaukee Sanitarium	Wauwautosa, Wis.	J. A. Kindwall	444	10	1	2	..	350
Territorial Hospital [1-3]	Kaneohe, T. H.	R. A. Kimmich	1,781	10	2	4	..	633

Residency programs in the following hospitals have been approved for ONE year of training by the Council and the American Board of Psychiatry and Neurology, through the Residency Review Committee for Psychiatry and Neurology. (Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc., should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program or programs approved at the two or three year level—see summary of requirements, American Board of Psychiatry and Neurology, Inc., page 410.)

Hospitals, 64; Assistant Residencies and Residencies, 228

FEDERAL

UNITED STATES PUBLIC HEALTH SERVICE

National Institutes of Health-Clinical Center [1-3]	Bethesda, Md.	R. Cohen	89	...	..	10	..	...
U. S. Public Health Service Hospital [1-3]	Staten Island, N. Y.	E. W. Green	525	...	..	1	..	...

VETERANS ADMINISTRATION

Veterans Admin. Hospital [1-3]	Philadelphia	M. Cohen	356	...	1	1	..	...

NONFEDERAL

University of Alabama Medical Center University Hospital and Hillman Clinic [1-3-12]	Birmingham, Ala.	E. L. Caveny	487	...	2	6	..	250
Agnews State Hospital [1]	Agnew, Calif.	H. Tucker	7,745	83	4	4	..	325
Compton Sanitarium [1-3]	Compton, Calif.	G. C. Burns	532	2	4	4	..	250
Napa State Hospital [1]	Imola, Calif.	W. A. Oliver	8,918	242	2	2	..	325
Patton State Hospital [1-3]	Patton Calif.	R. J. Lentz	7,428	146	2	2	..	376
Pacific State Hospital [1-3]	Pomona, Calif.	G. Tarjan	2,901	90	..	3	..	325
Kaiser Foundation Hospital [46]	San Francisco	B. I. Kahn	.....	...	..	3	..	225
Silver Hill Foundation	New Canaan, Conn.	W. B. Terhune	315	...	1	2	..	800
George Washington University Hospital [1-3]	Washington, D. C.	W. Overholser	888	1	..	1	..	175
Grady Memorial Hospital [1]	Atlanta, Ga.	J. S. Skobba	286	...	1	1	..	250
Elgin State Hospital [1-3]	Elgin, Ill.	W. Tuteur	6,784	219	..	6	23	280
Galesburg State Research Hospital	Galesburg, Ill.	T. T. Tourlentes	.....	...	..	..	..	...
North Shore Health Resort [1-3]	Winnetka, Ill.	S. Liebman	350	3	..	3	..	...
Central State Hospital [1]	Indianapolis	C. L. Williams	2,682	29	4	8	..	365
Logansport State Hospital [1-3]	Logansport, Ind.	J. W. Southworth	3,492	32	4	4	..	550
Dr. Norman M. Beatty Memorial Hospital [1]	Westville, Ind.	W. R. Van Den Bosch	2,295	6	4	4	..	365
Mental Health Institute [1-3]	Cherokee, Iowa	W. C. Brinegar	1,975	39	2	2	..	425
De Paul Hospital [1-3]	New Orleans	W. J. Otis	1,692	12	1	2	..	390
Crownsville State Hospital [1-3]	Crownsville, Md.	R. H. Meng	3,398	42	5	5	..	461
Chestnut Lodge [1-3]	Rockville, Md.	D. M. Bullard	80	1	..	4	..	...
New England Center Hospital [1-3]	Boston	J. Hope	.....	...	1	2	..	83
St. Elizabeth's Hospital [1-3]	Boston	N. Flanagan	614	...	1	1	..	125
Danvers State Hospital	Hathorne, Mass.	P. B. Hagopian	3,161	61	2	2	..	...
Medfield State Hospital [1-3]	Medfield, Mass.	R. H. Turcotte	2,039	25	2	6	..	490
Austen Riggs Foundation [1]	Stockbridge, Mass.	R. P. Knight	90	...	..	6	..	500
Taunton State Hospital	Taunton, Mass.	W. E. Glass	2,658	80	3	6	..	490
Westborough State Hospital	Westborough, Mass.	J. W. Dykens	2,606	34	2	2	..	255
Traverse City State Hospital [1]	Traverse City, Mich.	M. M. Nickels	5,791	89	4	6	..	541
St. Mary's Group of Hospitals [1-3-229]	St. Louis	F. M. Grogan	503	3	1	1	50	100
Norfolk State Hospital [1-234]	Norfolk, Neb.	C. G. Ingham	1,779	3	3	3	52	400
New Hampshire State Hospital [1-3]	Concord, N. H.	G. D. Niswander	3,660	31	2	6	..	263
New Jersey State Hospital at Ancora	Hammonton, N. J.	M. Mendelson	2,228	33	6	18	..	495
Bergen Pines County Hospital [1-3]	Paramus, N. J.	N. C. Galen	914	5	1	1	..	200
River Crest Sanitarium [1-3]	Astoria, N. Y.	M. Dollin	1,164	...	2	2	..	350
Binghamton State Hospital [1-3-306]	Binghamton, N. Y.	O. H. Boltz	3,194	60	6	6	..	425
Meadowbrook Hospital	Hempstead, N. Y.	R. R. Steen	1,116	23	1	1	..	225
Pinewood [1-3]	Katonah, N. Y.	L. Wender	259	...	1	1	..	400
Lenox Hill Hospital [1-3-283]	New York City	.....	.....	...	..	..	..	...
Roosevelt Hospital [1-3]	New York City	R. W. Laidlaw	71	...	..	1	..	133
New York University-Bellevue Medical Center University Hospital [209]	New York City	S. B. Wortis	57	...	..	8	58	135
St. Francis Hospital	New York City	.....	.....	...	..	..	..	...
Stony Lodge Sanitarium [1-3]	Ossining, N. Y.	L. E. Bernard	194	...	2	2	..	...
Letchworth Village [1-3]	Thiells, N. Y.	H. C. Storrs	4,370	41	1	2	..	450
Windsor Hospital [1-3]	Chagrin Falls, Ohio	J. H. Nichols	713	...	..	1	70	300
Christ Hospital [1]	Cincinnati	H. D. Fabing	658	5	1	1	..	200
Jewish Hospital [1-3]	Cincinnati	P. Piker	575	6	..	2	..	200
Longview State Hospital [1-3]	Cincinnati	D. Goldman	3,208	80	2	4	..	276
St. Charles Hospital [1]	Toledo, Ohio	E. Haynes	755	...	..	2	..	450
Abington Memorial Hospital [1-3]	Abington, Pa.	K. E. Appel	239	3	..	1	..	185
Embreeville State Hospital [1-3]	Embreeville, Pa.	A. O. Hecker	1,292	12	6	9	..	433
Albert Einstein Medical Center Southern Division [1]	Philadelphia	P. Sloane	.....	...	..	1	..	250
Jefferson Medical College Hospital [1-3]	Philadelphia	B. L. Keyes	65	...	1	1	..	...
Woodville State Hospital [1-279]	Woodville, Pa.	O. Ramik	3,410	4	4	4	..	333
Charles V. Chapin Hospital [1-3]	Providence, R. I.	W. N. Hughes	1,013	1	2	2	..	413
Emma Pendleton Bradley Home [1-3]	Riverside, R. I.	M. W. Laufer	72	...	..	3	..	250
Brattleboro Retreat	Brattleboro, Vt.	J. L. Smalldon	1,101	6	4	4	..	417
Vermont State Hospital [1-3]	Waterbury, Vt.	R. A. Chittick	1,816	21	2	4	..	420
Western State Hospital [1-3]	Fort Steilacoom, Wash.	R. W. Brown	4,358	113	9	9	..	492
Pinel Foundation [1-3]	Seattle	J. B. Dugan	106	...	..	4	..	500
Mendota State Hospital	Madison, Wis.	G. B. Tybring	2,289	13	4	12	..	591
Queen's Hospital [1-440]	Honolulu, T. H.	E. Harris	569	1	1	3	..	150

Numerical and other references will be found on pages 387 through 390.

PSYCHIATRY PROGRAM IDENTIFICATION

10. Service in child psychiatry.
11. Six months service at Los Angeles County Hospital, Los Angeles.
12. Nine months service at Mount Zion Hospital, six months at Langley Porter Clinic and service in child psychiatry, San Francisco.
13. Three months of service at Napa State Hospital, San Francisco Hospital, Stockton State Hospital, Sonoma State Home and San Quentin Prison; and six months at Colwell Memorial Hospital.
14. Three months service Fort Miley Veterans Administration Hospital, San Francisco, and Langley Porter Clinic, San Francisco; may include elective services at University of California Hospital, Mount Zion Hospital and Stanford University (Lane) Hospital, San Francisco.
15. Three months service at Pacific Colony Hospital, Pomona, and three months service in child psychiatry at Camerillo State Hospital.
16. Affiliate services at Colorado General and Denver General Hospitals.
17. Affiliate service at Veterans Administration Hospital, West Haven, Connecticut State Hospital, Fairfield State Hospital, Norwich State Hospital and service in child psychiatry.
18. Twelve months service at Grace-New Haven Community Hospital, New Haven, Connecticut.
19. Six months service at Governor Bacon Health Center, Delaware City.
20. Two months service at George Washington University Hospital, Washington, D. C.
21. Affiliate service at University Hospital, Augusta, Georgia.
22. Twelve month service at the Neuropsychiatric Institute of the University of Illinois including service in child psychiatry.
23. Eighteen months affiliate service including service at the Neuropsychiatric Institute of the University of Illinois and three months in child psychiatry.
24. Affiliate service at Neuropsychiatric Institute of the University of Illinois and service in child psychiatry.
25. Three months service at Veterans Administration Hospital, Downey, Illinois, and service in child psychiatry.
26. Six months service at Veterans Administration Hospital, Hines, Illinois. May include service in child psychiatry.
27. Six months service in child psychiatry.
28. Integrated program including service at Veterans Administration Hospital, Indianapolis General Hospital and Indiana University Medical Center and Affiliated Hospitals, Indianapolis.
29. Integrated program including service at Veterans Administration Hospital, Menninger Sanitarium and Topeka State Hospital, Topeka, Kansas.
30. Four months service at University of Louisville Services, Louisville, Kentucky, and four months service at Cincinnati General Hospital, Cincinnati, Ohio.
31. Three months service at University of Louisville Services, Louisville, Kentucky.
32. Twelve months service at University of Louisville Services. May include four months service at Central State Hospital; four months service at Louisville General Hospital.
33. Four months service at Central State Hospital and service in child psychiatry.
34. Integrated program including service at Tulane University Unit, Charity Hospital, New Orleans, and Veterans Administration Hospitals, New Orleans, and Biloxi, Mississippi.
35. Six months service in child psychiatry and twelve months service at South Louisiana State Hospital.
36. Service in child psychiatry; six months service at Veterans Administration Hospital, Perry Point, Maryland.
37. Three months service in child psychiatry at Johns Hopkins Hospital (Harriet Lane House), Baltimore, Maryland.
38. Twelve months service at Boston State Hospital and service in child psychiatry.
39. Twelve-eighteen months service at Veterans Administration Hospital. Boston (Jamaica Plain), Massachusetts, and six months service in child psychiatry.
40. Integrated program including service at Massachusetts General Hospital and McLean Hospital, Waverly.
41. Twelve months service at University Hospital, Ann Arbor, Michigan.
42. University Hospital, Ann Arbor, Michigan.
43. Three months service Coldwater State Home and Training School, Caro State and Ionia State Hospitals and service in child psychiatry.
44. Six months service in child psychiatry at Children's Hospital, Detroit.
45. Six months service at Receiving Hospital, Children's Hospital, Detroit, and Wayne County General Hospital and Infirmary, Eloise, Michigan.
46. University of Minnesota Hospitals, Minneapolis, Minnesota.
47. Three months service at Rochester State Hospital, Rochester, Minn.
48. Affiliate service at Barnes Hospital, St. Louis and three months at St. Louis State Hospital.
49. Six months service at Barnes Hospital, St. Louis, Missouri.
50. Service at St. Louis State Hospital and St. Louis City Hospital.
51. Service at Lutheran Hospital, Omaha.
52. Service at University of Nebraska Hospital.
53. Affiliate service at University of Nebraska Hospital and Creighton Memorial-St. Joseph Hospital, Omaha, Nebraska.
54. Six months service at Newark City Hospital; three months at New Jersey State Hospital and three months in child psychiatry.
55. Three months service at Albany Hospital, Albany, New York.
56. Affiliate services at Edward J. Meyer Memorial Hospital and Buffalo State Hospital.
57. Six months service at King's County Hospital, Brooklyn, New York.
58. Integrated program with service at Bellevue Hospital Center and University Hospital.
59. Six months service at Mount Sinai Hospital, New York City.
60. Service in child psychiatry. May include six months service at Mount Sinai Hospital and three months at Manhattan State Hospital.
61. Twelve months service at New York Hospital and four months at Veterans Administration Hospital, New York City (Bronx), New York.
62. Three months service at Grasslands, Rockland State, Albany Hospitals and Letchworth Village.
63. Six months service at Rochester State Hospital, Rochester, New York.
64. Six months service at Strong Memorial-Rochester Municipal Hospitals, Rochester.
65. Affiliate service at Strong Memorial-Rochester Municipal Hospitals.
66. Three months service at Syracuse Memorial, Binghamton, Syracuse and Willard State Hospitals, service at Craig Colony and service in child psychiatry.
67. Affiliate service at State Hospitals at Raleigh and Butner, North Carolina.
68. Eighteen months service at Duke Hospital, Durham, North Carolina.
69. Three months service at Longview State and Jewish Hospitals, Cincinnati.
70. Integrated program including service at Cleveland Clinic and Windsor Hospital.
71. Integrated program including service at University Hospital and Veterans Administration Hospital, Cleveland, Ohio.
72. Integrated program with service at Institute of the Pennsylvania Hospital and Pennsylvania Hospital Department for Mental and Nervous Diseases.
73. Affiliate service at Temple University Hospital, Institute of Pennsylvania, Hospital of the Woman's Medical College of Pennsylvania.
74. Six months service at Philadelphia General Hospital and service in child psychiatry.
75. Two months affiliate service for institutional care.
76. Integrated program including service at Vanderbilt University Hospital, Veterans Administration Hospital, Nashville, Veterans Administration Hospital, Murfreesboro, and Central State Hospital, Nashville.
77. Four months affiliate service at St. Mary's infirmary, Galveston, Texas.
78. Service in child psychiatry at Jefferson Davis Hospital, Houston, Texas.
79. Six months affiliate service at Veterans Administration Hospital, Salt Lake City, Utah, and affiliate services at State Hospital, Provo, Utah.
80. Integrated program including service at University of Virginia Hospital, Charlottesville and Veterans Administration Hospital, Roanoke, Va.
81. Affiliate service at Southwestern State Hospital, Marion and Lynchburg State Colony, Lynchburg, Va.
82. Six months service at Medical College of Virginia—Hospital Division, Richmond, and service in child psychiatry.
83. Six months service at Veterans Administration Hospital, American Lake, Washington, and six months in child psychiatry.

24. PULMONARY DISEASES

Residency programs in the following hospitals have been approved for ONE year of training by the Council and the Subspecialty Board for Pulmonary Diseases of the American Board of Internal Medicine.

Hospitals, 109; Assistant Residencies and Residencies, 382

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [5]	Total Residencies Offered [5]	Beginning Stipend (Month)
FEDERAL							
UNITED STATES ARMY							
Fitzsimons Army Hospital [1]	Denver	J. A. Wier	2,225	11	9	9	...
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE							
Freedmen's Hospital [1-3]	Washington, D. C.	H. M. Payne	130	7	1	3	218
VETERANS ADMINISTRATION							
Veterans Admin. Hospital—West Haven Division	West Haven, Conn.	N. D. Esopo	480	11	..	5	...
Veterans Admin. Hospital [1-3]	Rutland Heights, Mass.	S. T. Allison	1,711	29	1	1	...
Veterans Admin. Hospital [1-3]	Minneapolis	W. W. Stead	689	60	1	1	...
Veterans Admin. Hospital [1-3]	Excelsior Springs, Mo.	A. A. Sprong	622	9	3	3	...
Veterans Admin. Hospital	East Orange, N. J.	H. J. Small	590	6	3	3	...
Veterans Admin. Hospital [1-3]	Albuquerque, N. M.	J. W. Berry	1,045	12	1	1	...
Veterans Admin. Hospital [1-3]	Brooklyn, N. Y.	H. L. Katz	415	18	1	1	...
Veterans Admin. Hospital [1-3]	Sunmount, N. Y.	J. W. Raleigh	1,205	17	2	2	...
Veterans Admin. Hospital [1]	Oteen, N. C.	W. S. Schwartz	3,004	50	6	6	...

Numerical and other references will be found on pages 387 through 390.

24. PULMONARY DISEASES—Continued

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [6]	Total Residencies Offered [6]	Beginning Stipend (Month)
FEDERAL							
Veterans Admin. Hospital [1-3]	Brecksville, Ohio	J. A. O'Hale	754	12	1	1	...
Veterans Admin. Hospital [1-3]	Memphis, Tenn.	S. Phillips	1,330	7	1	1	...
Veterans Admin. Hospital [1-3]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)					
Veterans Admin. Hospital [1-3]	McKinney, Texas	D. O. Shields	639	4	2	4	...
Veterans Admin. Hospital [1-3]	Richmond, Va.	W. T. Thompson, Jr.	970	18	..	2	...
Veterans Admin. Hospital [1-3-427]	Madison, Wis.	J. K. Curtis	980	23	6	6	...
Veterans Admin. Hospital [1-3]	Milwaukee (Wood)	R. A. Hemphill	797	18	..	2	...
NONFEDERAL							
Maricopa County General Hospital [1-3]	Phoenix, Ariz.	B. Snyder	253	3	1	1	300
City of Hope Medical Center	Duarte, Calif.	L. Tepper	370	14	1	2	300
Arroyo Del Valle Sanatorium [1-3]	Livermore, Calif.	J. T. Duncan	595	7	1	1	300
Barlow Sanatorium [1-3]	Los Angeles	H. W. Bosworth	219	1	2	2	200
Bret Harte Sanatorium [1-3]	Murphys, Calif.	C. N. Reese	670	6	1	1	450
San Diego County General Hospital [1-3]	San Diego, Calif.	V. J. Wyborney	277	8	1	3	150
San Francisco Hospital							
Stanford University Service [1-3]	San Francisco	H. C. Hinshaw	433	8	..	1	195
University of California Service [1-3]	San Francisco	S. M. Farber	477	10	2	3	195
Santa Clara County Hospital [1]	San Jose, Calif.	M. Manson	218	9	3	3	425
Fairmont Hospital of Alameda County [1-3]	San Leandro, Calif.	J. L. Eaton	432	21	1	1	195
Tulare-Kings Counties Hospital [1-3]	Springville, Calif.	W. A. Winn	463	12	4	4	550
National Jewish Hospital [1-3]	Denver	S. H. Dressler	616	13	8	8	250
Cedarcrest Hospital [1-3]	Newington, Conn.	R. C. Edson	643	14	1	1	335
Uncas on Thames [1-3]	Norwich, Conn.	N. L. Cressy	899	29	3	3	335
Laurel Heights State Tuberculosis Sanatorium [1-3]	Shelton, Conn.	K. S. Howlett, Jr.	676	14	2	2	205
District of Columbia General Hospital [1-3]	Washington, D. C.	S. Katz	284	13	1	3	153
Glenn Dale Hospital [1-3] (P. O. Glen Dale, Md.)	Washington, D. C.	M. Weiss	1,197	26	4	4	338
Chicago State Tuberculosis Sanitarium [1]	Chicago	K. H. Pfuetze	318	9	..	5	330
City of Chicago Municipal Tuberculosis Sanitarium [1-3]	Chicago	L. H. Berard	3,300	54	2	2	175
Peoria Municipal Tuberculosis Sanitarium [1-3]	Peoria, Ill.	D. Morse	185	7	1	1	250
Lake County Tuberculosis Sanatorium [1-3]	Waukegan, Ill.	C. K. Petter	276	6	1	2	150
Indianapolis General Hospital [1-3]	Indianapolis	J. Stygall	224	4	..	1	300
Sunnyside Sanatorium [1-3]	Indianapolis	A. G. Popplewell	386	8	2	2	400
Healthwin Hospital [1]	South Bend, Ind.	E. W. Custer	327	9	1	1	500
University of Kansas Medical Center [1-3]	Kansas City, Kan.	M. Fitzpatrick	100	10	1	1	125
Charity Hospital of Louisiana							
Louisiana State University Unit [1]	New Orleans	W. R. Akenhead	276	20	1	3	175
Central Maine Sanatorium [1-3-149]	Fairfield, Maine	W. B. Grow	250	5	1	1	75
Baltimore City Hospitals [1-3]	Baltimore	E. G. Beacham	687	6	2	3	50
Boston Sanatorium [1-3]	Boston	J. A. Foley	1,069	7	1	5	202
Cambridge Sanatorium [1]	Cambridge, Mass.	R. Kurzmann	247	3	..	..	114
Middlesex County Sanatorium [1-3]	Waltham, Mass.	F. P. Dawson	544	11	2	3	485
Westfield State Sanatorium [1-3]	Westfield, Mass.	J. M. Houser	231	9	3	3	490
Worcester City Hospital	Worcester, Mass.	...	...	...	...	...	...
Henry Ford Hospital [1-3]	Detroit	E. O. Coates	551	15	..	2	225
Herman Kiefer Hospital [1-3]	Detroit	P. T. Chapman	2,554	65	9	11	513
Michigan State Sanatorium [1]	Howell, Mich.	W. F. Fidler	661	..	4	4	859
Glen Lake Sanatorium [1-3]	Oak Terrace, Minn.	R. H. Frost	817	23	3	3	266
Mayo Foundation [1-479]	Rochester, Minn.	...	Incl. in Internal Medicine				150
Mississippi State Tuberculosis Sanatorium [1-3]	Sanatorium, Miss.	H. Boswell	999	4	..	..	...
Robert Koch Hospital [1-3]	Koch, Mo.	B. Friedman	1,245	16	5	16	267
St. Mary's Group of Hospitals [1-3]	St. Louis	G. O. Broun	211	17	1	1	100
University of Nebraska Hospital [1-3]	Omaha	...	...	..	..	1	200
New Jersey Sanatorium for Chest Diseases [1-3]	Glen Gardner, N. J.	J. A. Smith	...	5	5	5	495
B. S. Pollak Hospital for Chest Diseases [1-3]	Jersey City, N. J.	S. Cohen	1,357	37	..	9	167
Bergen Pines County Hospital [1-3]	Paramus, N. J.	R. R. Little	356	36	2	2	200
Essex County Sanatorium [1-3]	Verona, N. J.	I. Ocheret	804	26	2	4	529
Albany Hospital [1-3]	Albany, N. Y.	F. Maxon	351	8	1	2	160
Kings County Hospital							
County Service [1]	Brooklyn, N. Y.	C. E. Hamilton	Incl. in Int. Med.		1	1	156
University Service [1]	Brooklyn, N. Y.	H. A. Lyons	Incl. in Int. Med.		2	2	...
Edward J. Meyer Memorial Hospital [1]	Buffalo	D. R. McKay	773	28	..	1	248
Elmhurst General Hospital [1-3-458]	Elmhurst, N. Y.	S. Bassin	275	3	1	2	105
Nassau County Tuberculosis Hospital [1-3]	Farmingdale, N. Y.	J. G. Carlton	500	17	6	6	...
Triboro Hospital [1-3]	Jamaica, N. Y.	H. H. Epstein	1,273	21	11	11	157
Ulster County Tuberculosis Hospital	Kingston, N. Y.	H. F. Schwartz	49	..	1	1	333
Niagara Sanatorium [1-3]	Lockport, N. Y.	L. C. Evander	321	14	1	2	296
Mount Morris Tuberculosis Hospital [1-3]	Mount Morris, N. Y.	F. L. Armstrong	388	12	2	2	400
Bellevue Hospital Center							
Div. I—Columbia University [1-3]	New York City	J. H. McClement	2,434	69	18	26	105
Bronx Municipal Hospital Center [1]	New York City	E. H. Rubin	451	20	8	10	157
Manhattan General Hospital	New York City	J. S. Edlin	552	10	2	8	...
New York Medical College—Metropolitan Medical Center							
Metropolitan Hospital [1-3]	New York City	I. Epstein	479	11	5	5	105
Montefiore Hospital [1-3]	New York City	R. Bloch	500	19	5	7	75
Morrisania City Hospital [1-3]	New York City	P. Hurwitz	Incl. in Int. Med.		1	1	105
St. Joseph's Hospital for Chest Diseases [1-3]	New York City	F. J. McCarthy	576	11	4	4	200
Homer Folks Tuberculosis Hospital [1-3]	Oneonta, N. Y.	R. Horton	582	14	2	3	495
Ray Brook State Tuberculosis Hospital [1-3]	Ray Brook, N. Y.	F. Beck	678	..	3	3	470
Iola-Monroe County Sanatorium [1-3-309]	Rochester, N. Y.	J. M. MacMillan	576	14	2	5	416
Glenridge Sanatorium [1-3]	Schenectady, N. Y.	J. M. Blake	268	5	2	2	300
Sea View Hospital [1-3]	Staten Island, N. Y.	E. H. Robitzek	3,004	30	25	25	157
Broadacres Sanatorium [1]	Utica, N. Y.	S. C. Mahady	293	6	1	1	470
Grasslands Hospital [1-3]	Valhalla, N. Y.	W. G. Childress	516	18	3	7	225
Duke University Hospital [1-3-323]	Durham, N. C.	E. E. Menefee	161	2	..	1	250
North Carolina Sanatorium							
For the Treatment of Tuberculosis [1-3]	McCain, N. C.	W. M. Peck	1,328	10	1	1	500
City Hospital [1-3]	Cleveland	R. C. McKay	807	30	..	4	150
Sunny Acres-Cuyahoga County Tuberculosis Hospital [1-3]	Cleveland	H. G. Curtis	823	18	3	3	383
Ohio State University Hospitals							
University Hospital [1-3]	Columbus, Ohio	R. H. Browning	...	..	2	10	152
Ohio Tuberculosis Hospital [1-3]	Columbus, Ohio	R. J. Atwell	320	5	2	8	288
Mahoning Tuberculosis Sanatorium [1-3]	Youngstown, Ohio	H. H. Teitelbaum	282	4	2	2	300
Eagleville Sanatorium [1]	Eagleville, Pa.	J. J. Kirshner	414	6	3	3	...
Pennsylvania State Sanatorium							
for Tuberculosis No. 3 [1-3]	Hamburg, Pa.	R. H. McCutcheon	1,029	..	4	4	390
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	H. Israel	205	7	1	1	200
Hospital of the University of Pennsylvania [1-3]	Philadelphia	S. Leopold	Incl. in Int. Med.		2	2	100
Philadelphia General Hospital-Northern Division [1-3]	Philadelphia	H. Shubin	422	12	..	2	...
Mont Alto State Sanatorium							
(Pennsylvania State Sanatorium No. 1) [1]	South Mountain, Pa.	W. A. Gette	1,670	20	2	2	300
West Tennessee Tuberculosis Hospital [1-3]	Memphis, Tenn.	E. P. Bowerman	965	17	2	3	200
Oakville Memorial Sanatorium [1-3]	Oakville, Tenn.	S. C. Carter	455	12	1	2	200
Parkland Memorial Hospital [1-3]	Dallas, Texas	J. O. Armstrong	...	..	1	1	50

Numerical and other references will be found on pages 387 through 390.

24. PULMONARY DISEASES—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [5]	Total Residencies Offered [5]	Beginning Stipend (Month)
Baylor University College of Medicine Affiliated Hospitals							
Veterans Admin. Hospital [1-3]	Houston, Texas	I. Chofnas	Incl. in Int. Med.		1	2	...
Blue Ridge Sanatorium	Charlottesville, Va.	C. G. Pearson	1,024	11	1	1	375
Firland Sanatorium [1-3]	Seattle	T. F. Sheehy, Jr.	1,847	45	3	3	300
Central Washington Tuberculosis Hospital [1]	Selah, Wash.	A. R. Allen	415	5	1	1	500
Muirdale Sanatorium [1-3]	Wauwatosa, Wis.	A. V. Cudden	1,637	16	..	1	257
Leahi Hospital [1-3]	Honolulu, T. H.	H. H. Walker	933	11	3	3	350

25. RADIOLOGY

Residency programs in the following hospitals have been approved by the Council and the American Board of Radiology, through the Residency Review Committee for Radiology. As indicated in the column "Type of Training," approval has been extended in diagnostic roentgenology (D.R.); roentgenology (Roent.), including diagnostic and therapeutic; therapeutic radiology (Ther. Rad.), and Radiology (Rad.), including roentgenology and therapeutic radiology. After June 30, 1957, the Residency Review Committee for Radiology will not approve services which are not part of programs providing full training in all branches of the specialty. Some of the programs listed below as approved in limited fields do, through affiliation, offer three years of training in Radiology. This listing is now being revised. Until the revised list is published, prospective applicants are advised to correspond directly with the individual hospitals relative to affiliate training.

Hospitals, 414; Assistant Residencies and Residencies, 1,672

FEDERAL

Name of Hospital	Location	Chief of Service	Type of Training	Number of X-Ray Examinations	Number of Deep X-Ray Treatments	Number of Superficial X-Ray Treatments	Number of Radium Treatments	First Year Residencies Offered [5]	Total Residencies Offered [5]	Length of Approved Program (Years)	Beginning Stipend (Month)
UNITED STATES ARMY											
Letterman Army Hospital [1]	San Francisco	D. F. Dullum	Rad.	40,806	4,037	430	73	2	6	3	...
Fitzsimons Army Hospital [1]	Denver	A. B. Ramsay	Roent.	61,893	2,416	1,191	128	1	3	3	...
Army Medical Center [1-3]	Washington, D. C.	E. A. Lodmell-									
		H. L. Berman	Rad.	61,924	9,187	646	874	3	9	3	...
Brooke Army Hospital [1-3]	San Antonio, Texas	J. A. Isherwood	Rad.	67,725	5,003	83	160	3	9	3	...
Tripler Army Hospital [1]	Honolulu, T. H.	D. T. McCarthy	Roent.	82,310	1,517	1,678	136	2	6	3	...
UNITED STATES NAVY											
U. S. Naval Hospital [1-3]	Oakland, Calif.	C. D. Burroughs	D.R.	38,347	2,064	586	5	1	2	2	...
U. S. Naval Hospital [1]	San Diego, Calif.	J. L. Messersmith	Rad.	54,979	506	63	66	2	4	3	...
U. S. Naval Hospital	Bethesda, Md.	S. F. Williams	Rad.	37,623	4,135	365	...	1	2	2	...
U. S. Naval Hospital [1-3]	Chelsea, Mass.	C. E. Bentel	D.R.	24,787	869	135	10	1	2	2	...
U. S. Naval Hospital	St. Albans, N. Y.	C. Gartenlaub	Roent.	45,334	4,312	124	17	1	3	3	...
U. S. Naval Hospital [1-3]	Philadelphia	G. C. Daughtridge	Rad.	33,900	1,674	20	7	1	2	2	...
UNITED STATES PUBLIC HEALTH SERVICE											
U. S. Public Health Service Hospital [1-3-145]	New Orleans	G. A. Shipman	D.R.	22,162	.....	.....	...	1	3	2	...
U. S. Public Health Service Hospital [1-3-157]	Baltimore	L. B. Garbe	Rad.	16,052	2,459	640	89	1	4	3	...
National Institutes of Health—Clinical Center [1-3]	Bethesda, Md.	T. Hilbish	D.R.	20,355	83	2	2	2	2	1	...
U. S. Public Health Service Hospital [1-3-318]	Staten Island, N. Y.	W. M. Sennott	Roent.	24,221	1,759	478	...	2	4	2	...
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE											
Freedmen's Hospital [1-3]	Washington, D. C.	C. W. Kelley	Rad.	30,038	135	424	25	1	2	3	218
VETERANS ADMINISTRATION											
Veterans Admin. Hospital [1-3]	Birmingham, Ala.	(See University of Alabama Medical Center)									
Veterans Admin. Hospital [1-3-16]	Tuskegee, Ala.	J. J. Peters	D.R.	24,648	.....	.....	...	2	2	3	...
Veterans Admin. Hospital [1-3]	Long Beach, Calif.	F. Isaac	Rad.	54,707	4,986	1,365	5	2	6	3	...
Veterans Admin. Hospital [1-3-37]	Los Angeles	C. W. McClanahan	Rad.	110,640	8,919	1,674	41	3	8	3	...
Veterans Admin. Hospital [1]	San Francisco	W. W. Saunders	Roent.	30,517	4,604	175	48	2	3	2	...
Veterans Admin. Hospital [1-3]	Denver	A. L. Daywitt	D.R.	30,436	1,788	170	3	4	8	2	...
Veterans Admin. Hospital— Newington Division [1-3-73]	West Haven, Conn.	S. W. Westing	Roent.	12,082	.....	.....	...	1	1	2	...
Veterans Admin. Hospital— West Haven Division [1-3-76]	West Haven, Conn.	A. B. Skorneck	D.R.	19,419	2,097	2	3	2	2	1	...
Veterans Admin. Hospital [1-3-83]	Washington, D. C.	S. R. Bersack	D.R.	15,054	1,615	178	8	1	3	2	...
Veterans Admin. Hospital [1-3]	Atlanta, Ga.	S. Krantz	Roent.	15,266	3,699	528	7	1	2	2	...
Veterans Admin. Hospital [1-3-91]	Augusta, Ga.	S. M. Roberts	D.R.	18,661	1,647	164	1	2	4	2	...
Veterans Admin. Research Hospital [1]	Chicago	(See Northwestern University Medical Center)									
Veterans Admin. Hospital [1]	Hines, Ill.	F. L. Hussey	Rad.	71,485	11,560	826	60	5	8	3	...
Veterans Admin. Hospital [1]	Indianapolis	(See Indiana University Medical Center Affiliated Hospitals)									
Veterans Admin. Hospital [1-130]	Des Moines, Iowa	P. J. Trier	Roent.	29,895	1,347	190	2	1	3	2	...
Veterans Admin. Hospital [1-3]	Iowa City	W. W. Sands	Rad.	17,368	3,238	197	17	2	5	2	...
Veterans Admin. Hospital [1-3-133]	Wadsworth, Kan.	(See Research and Affiliated Hospitals, Kansas City, Mo.)									
Veterans Admin. Hospital [1-3]	Louisville, Ky.	(See University of Louisville Hospitals)									
Veterans Admin. Hospital [1-3-147]	New Orleans	C. P. Oderr	D.R.	16,384	5,553	230	5	2	4	2	...
Veterans Admin. Hospital [1-3-9]	Boston (Jamaica Plain)	E. G. Wissing	Roent.	40,707	4,483	142	2	1	3	2	...
Veterans Admin. Hospital [1-3-193-195-196-198]	Dearborn, Mich.	(See Wayne University Affiliated Hospitals, Detroit, Mich.)									
Veterans Admin. Hospital [1-3-208]	Minneapolis	J. Jorgens	Rad.	75,320	3,285	1,280	35	7	13	3	...
Veterans Admin. Hospital [1-220]	Kansas City, Mo.	(See Research and Affiliated Hospitals)									
Veterans Admin. Hospital [1-3-231]	St. Louis	S. Kamberg	Roent.	27,311	5,077	432	15	2	6	2	...
Veterans Admin. Hospital	Omaha	H. B. Salchek	D.R.	13,536	1,498	40	1	2	3	2	...
Veterans Admin. Hospital [1-3-242]	East Orange, N. J.	J. R. Nahon	D.R.	23,101	2,119	47	1	1	3	1	...
Veterans Admin. Hospital [1-3-247]	Albany, N. Y.	H. Thomas	D.R	33,069	2,433	55	..	..	1	1	...
Veterans Admin. Hospital [1-3-250]	Brooklyn, N. Y.	W Schlein	Roent.	27,908	4,257	46	7	1	2	2	...
Veterans Admin. Hospital [1-3]	Buffalo	K. Flachs	Roent.	22,565	2,822	48	..	1	2	2	...
Veterans Admin. Hospital [1-3]	New York City (Bronx)	J. Stein	Rad.	64,753	10,742	1,237	160	3	9	3	...
Veterans Admin. Hospital [1-3]	Durham, N. C.	W. F. Barry, Jr.	D.R.	27,834	2,130	56	32	2	3	1	...
Veterans Admin. Hospital [1-3]	Cleveland	M. D. Sachs	Rad.	35,112	3,476	142	10	1	4	3	...
Veterans Admin. Hospital	Dayton, Ohio	F. M. Ruegsegger	D.R.	35,770	2,243	87	5	1	3	1	...
Veterans Admin. Hospital [1-356]	Oklahoma City	(See University of Oklahoma Affiliated Hospitals)									
Veterans Admin. Hospital [1-3]	Portland, Ore.	L. W. Stille	Roent.	20,235	4,326	84	3	1	2	3	...
Veterans Admin. Hospital [1-3-375]	Philadelphia	G. T. Wohl	Rad.	24,883	2,285	34	15	2	4	3	...
Veterans Admin. Hospital [1]	Pittsburgh	S. L. Lewis	D.R.	14,476	6,560	275	75	3	9	1	...
Veterans Admin. Hospital [1-3-389]	Memphis, Tenn.	B. E. Greenberg	Rad.	58,717	6,294	121	13	1	3	2	...
Veterans Admin. Hospital [1]	Nashville, Tenn.	D. E. Sherman	Roent.	21,348	2,162	169	12	2	4	2	...
Veterans Admin. Hospital [1-3-397]	Dallas, Texas	B. K. Lovell	Rad.	15,425	1,664	133	39	2	5	3	...
Veterans Admin. Hospital [1-3]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)									
Veterans Admin. Hospital [1-3]	McKinney, Texas	B. K. Lovell	Rad.	28,369	3,078	289	29	1	2	3	...
Veterans Admin. Hospital	Salt Lake City	(See University of Utah Affiliated Hospitals)									

Numerical and other references will be found on pages 387 through 390.

25. RADIOLOGY—Continued

Name of Hospital	Location	Chief of Service	Type of Training	Number of X-Ray Examinations	Number of Deep X-Ray Treatments	Number of Superficial X-Ray Treatments	Number of Radium Treatments	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
FEDERAL											
Veterans Admin. Hospital [1-3]	White River Jct., Vt.	N. W. Loud	Roent.	26,816	713	....	...	1	2	1	...
Veterans Admin. Hospital [1-3-287]	Richmond, Va.	H. Goodman	Roent.	28,165	3,331	55	23	1	3	2	...
Veterans Admin. Hospital [1-3]	Martinsburg, W. Va.	H. Litwer	D.R.	36,500	1,220	....	...	1	1	1	...
Veterans Admin. Hospital [1-3]	Milwaukee (Wood)	T. J. Pfeffer	Roent.	37,751	7,805	270	27	..	3	2	...
Veterans Admin. Hospital [1-3]	San Juan, P. R.	L. Ehrlich	D.R.	9,344	.....	....	...	1	2	2	...
NONFEDERAL											
Birmingham Baptist Hospital	Birmingham, Ala.	.....	Rad.	.....	.....	....	...	..	..	3	...
University of Alabama Medical Center											
University Hospital and Hillman Clinic [1-3-11]	Birmingham, Ala.	J. G. Wood	Rad.	31,698	6,872	365	115	2	6	3	108
Veterans Admin. Hospital [1-3-9]	Birmingham, Ala.	W. V. Brower	D.R.	25,269	955	...	955	1	1	2	...
University Hospital [1]	Little Rock, Ark.	H. J. Barnhard	Rad.	16,316	6,045	532	54	3	9	3	145
Kern General Hospital [1]	Bakersfield, Calif.	S. W. Iseminger	D.R.	27,762	1,244	151	14	1	3	2	325
Herrick Memorial Hospital [1-3-21]	Berkeley, Calif.	H. P. Brean	D.R.	12,900	1,060	...	16	1	3	2	175
San Joaquin General Hospital	French Camp, Calif.	A. Cove	D.R.	50,079	.....	1,485	11	1	1	2	200
General Hospital of Fresno County [1-3]	Fresno, Calif.	C. L. Ould-P. Myers	D.R.	17,229	1,070	95	21	1	1	1	300
Seaside Memorial Hospital [1-3]	Long Beach, Calif.	H. J. Prichard-G. Beckstrand	Rad.	15,921	1,825	524	61	1	3	3	150
Cedars of Lebanon Hospital [1-3]	Los Angeles	D. Zion-H. Jaffe	Rad.	8,970	6,593	...	33	2	5	3	175
Hospital of the Good Samaritan [1-3]	Los Angeles	J. D. Camp	Rad.	33,158	4,852	188	26	2	2	3	200
Kaiser Foundation Hospital	Los Angeles	.....	D.R.	.....	....	....	...	..	..	2	...
Los Angeles County Hospital [1]	Los Angeles	G. Jacobson	Rad.	99,738	10,353	856	300	4	12	3	246
Presbyterian Hospital—Olmsted Memorial [1-3]	Los Angeles	W. Brown-C. Benz	D.R.	14,277	1,744	....	14	1	3	1	200
Queen of Angels Hospital [1-3]	Los Angeles	L. S. Goin	Rad.	15,626	2,107	....	34	1	2	3	175
University of California Medical Center	Los Angeles	A. H. Dowdy	Rad.	32,378	8,786	792	3	2	8	3	250
White Memorial Hospital [1-3]	Los Angeles	W. L. Stillson	Rad.	12,407	4,117	555	64	2	4	3	151
Highland-Alameda County Hospital [1-3]	Oakland, Calif.	H. H. Jensen	Rad.	27,141	3,186	....	30	1	3	3	195
Collis P. and Howard Huntington Memorial Hospital [1-3]	Pasadena, Calif.	R. S. Harrison-W. B. Hill	D.R.	10,740	1,865	....	...	1	2	2	240
Sutter Community Hospital	Sacramento, Calif.	G. A. Fricker	Rad.	11,451	13,943	2,785	35	1	2	3	248
San Diego County General Hospital [1-3]	San Diego, Calif.	E. L. Whitehead	Rad.	17,174	2,192	112	47	1	2	3	150
Children's Hospital [1-3-9]	San Francisco	G. G. King	Rad.	5,273	1,033	67	24	1	1	2	125
Mount Zion Hospital [1-3-9]	San Francisco	J. Levitin	Rad.	13,650	1,727	192	9	1	2	2	150
St. Francis Memorial Hospital [1-3-9]	San Francisco	A. A. De Lorimier	Rad.	18,716	4,444	1,225	30	1	1	2	300
St. Mary's Hospital [1-3-9]	San Francisco	C. S. Capp	Rad.	14,029	1,450	302	11	1	2	2	...
San Francisco Hospital		.....	Rad.	36,925	2,445	172	29	..	3	2	195
Stanford University Service [1-3]	San Francisco	L. H. Garland	....	.....	.....	....	..	..	..	..	...
University of California Service [1-3]	San Francisco	A. J. Williams	....	.....	.....	....	..	..	..	..	...
Stanford University Hospitals [1-3]	San Francisco	H. S. Kaplan	Rad.	16,207	5,061	....	60	3	9	3	80
University of California Hospital [1-3]	San Francisco	R. S. Stone	Rad.	32,696	14,881	843	129	5	10	3	200
Santa Clara County Hospital [1]	San Jose, Calif.	J. J. McCort	Rad.	11,084	1,718	217	29	1	2	3	310
St. John's Hospital	Santa Monica, Calif.	T. E. Havel	D.R.	9,727	2,256	296	14	1	1	1	200
Harbor General Hospital [1-3]	Torrance, Calif.	J. H. Woodruff	Rad.	34,895	2,162	615	106	2	6	3	246
Glockner-Penrose Hospital [1-3]	Colorado Springs, Colo.	J. McMullen-J. Del Regato	Roent.	17,477	8,491	884	8	3	9	3	200
General Rose Memorial Hospital [1-3]	Denver	J. H. Weiss-M. H. Levine	D.R.	12,884	1,820	....	16	..	1	1	250
Presbyterian Hospital [1-3]	Denver	K. D. A. Allen	Rad.	11,347	5,237	125	65	1	3	3	225
St. Joseph's Hospital [1-3]	Denver	E. J. Meister	Rad.	11,031	.....	1,539	46	1	3	1	200
St. Luke's Hospital [1-3]	Denver	W. P. Stampfli	Roent.	12,550	2,145	321	15	2	3	2	175
University of Colorado Medical Center [403]											
Colorado General Hospital [1-3]	Denver	R. R. Lanier	Rad.	26,249	1,689	291	47	3	9	3	160
Denver General Hospital [1-3]	Denver	E. Salzman	Rad.	25,119	651	261	11	..	..	3	157
Bridgeport Hospital [1-3]	Bridgeport, Conn.	J. J. Esposito	Rad.	17,165	2,387	....	93	1	2	2	275
St. Vincent's Hospital [9]	Bridgeport, Conn.	R. D. Russo	Rad.	.....	.....	...	...	..	..	2	...
Hartford Hospital [1-3-64]	Hartford, Conn.	R. T. Ogden	Rad.	39,202	11,796	....	112	2	4	3	100
Grace-New Haven Community Hospital [1-3]	New Haven, Conn.	A. H. Janzen-R. M. Lowman	Rad.	56,406	8,695	484	154	3	9	3	50
Hospital of St. Raphael [3]	New Haven, Conn.	R. Shapiro	Rad.	18,956	5,811	568	38	2	6	3	125
St. Mary's Hospital [1-3]	Waterbury, Conn.	K. R. Kaess	Roent.	19,572	3,343	68	19	1	3	2	225
Waterbury Hospital [1]	Waterbury, Conn.	J. M. James	Roent.	16,672	1,790	....	29	1	3	2	225
Delaware Hospital [1-3]	Wilmington, Del.	W. W. Lattomus	Rad.	22,860	3,785	410	189	1	3	3	180
Central Dispensary and Emergency Hospital [1-3-462]	Washington, D. C.	J. E. Wissler	Rad	16,090	1,932	....	6	1	3	3	200
District of Columbia General Hospital [1-3]	Washington, D. C.	B. Gondos	D.R.	40,360	916	60	32	2	4	2	153
Doctors Hospital [1-3]	Washington, D. C.	F. O. Coe	Rad.	20,760	8,110	1,441	86	2	5	3	150
Garfield Memorial Hospital [1-3-462]	Washington, D. C.	R. M. Caulk	Rad.	15,595	5,515	632	19	..	3	3	200
Georgetown University Hospital	Washington, D. C.	W. Baensch	Rad.	23,807	5,439	....	13	4	8	3	100
George Washington University Hospital [1-3]	Washington, D. C.	W. Stanbro	Roent.	25,803	6,621	295	13	1	4	3	150
St. Luke's Hospital [1-3]	Jacksonville, Fla.	W. S. Rizk	D.R.	11,934	.....	....	18	1	1	1	225
Jackson Memorial Hospital [1-3]	Miami, Fla.	H. E. Davis	Rad.	60,370	7,732	....	102	2	7	3	75
Mount Sinai Hospital of Greater Miami [1-3]	Miami Beach, Fla.	J. Widrich	D.R.	9,687	665	13	18	1	1	1	250
Crawford W. Long Memorial Hospital [1-3]	Atlanta, Ga.	R. A. Elmer	Rad.	17,866	3,004	150	54	1	2	3	110
Grady Memorial Hospital [1]	Atlanta, Ga.	H. S. Weens	Rad.	44,486	7,824	256	48	2	6	3	20
Piedmont Hospital [1]	Atlanta, Ga.	E. G. Smith, Jr.	D.R.	7,049	578	3	15	1	1	1	235
University Hospital [1]	Augusta, Ga.	L. P. Holmes	Rad.	19,418	1,500	121	4	1	3	3	200
Emory University Hospital	Emory University, Ga.	T. F. Leigh	Rad.	21,916	9,583	....	90	1	3	3	190
Augustana Hospital [1-3]	Chicago	D. S. Beilin	Rad.	14,660	2,143	....	...	1	3	3	150
Cook County Hospital [1-3]	Chicago	I. F. Hummon	Rad	105,186	33,790	....	151	4	12	3	175
Englewood Hospital [1-3]	Chicago	A. M. Bernstein	Roent.	9,949	765	....	...	1	1	1	200
Grant Hospital [1]	Chicago	A. M. Pantone	D.R.	9,796	1,023	....	...	2	2	1	225
Illinois Central Hospital [1-3]	Chicago	R. R. Lough-R. C. Crain	Rad.	26,841	4,038	300	25	1	1	2	205
Illinois Masonic Hospital [1-3]	Chicago	J. H. Gilmore	Rad.	23,724	2,436	89	27	1	1	3	115
Mercy Hospital [1-3]	Chicago	W. W. Furey	Rad.	19,529	7,982	2,328	125	1	3	3	100
Michael Reese Hospital [1-3]	Chicago	B. Levine-E. Uhlmann	Rad.	35,562	10,045	218	2,222	4	8	3	100
Mount Sinai Hospital [1-3]	Chicago	J. Arendt	Roent.	22,320	5,590	786	29	2	4	2	100
Northwestern University Medical Center											
Chicago Wesley Memorial Hospital [1-3]	Chicago	A. H. Cannon	Rad.	40,437	3,124	....	25	2	4	3	75
Passavant Memorial Hospital	Chicago	B. Lewis	Rad.	16,032	1,973	3	...	1	3	3	50
Veterans Admin. Research Hospital	Chicago	W. T. Moss-G. Cailleteau	Roent.	13,280	2,358	206	8	1	4	2	...
Evanston Hospital [1-3]	Evanston, Ill.	R. G. Willy-A. Hamann	Rad.	28,980	6,209	574	42	1	3	3	225
Presbyterian Hospital [1]	Chicago	F. H. Squire	Rad.	33,333	3,138	1,186	43	2	4	3	125
Provident Hospital [1-3]	Chicago	W. P. Quinn	Rad.	7,063	884	228	18	1	3	3	200
Ravenswood Hospital [1-3]	Chicago	D. L. Jenkinson	Roent.	11,999	1,682	90	14	2	2	3	100
St. Luke's Hospital [1-3]	Chicago	E. H. Jenkinson	Rad.	32,663	5,089	100	6	2	6	3	125
University of Chicago Clinics [1-3]	Chicago	P. C. Hodges	Rad.	39,534	18,371	748	109	4	12	3	200

Numerical and other references will be found on pages 387 through 390.

25. RADIOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Type of Training	Number of X-Ray Examinations	Number of Deep X-Ray Treatments	Number of Superficial X-Ray Treatments	Number of Radium Treatments	First Year Residencies Offered [4]	Total Residencies Offered [4]	Length of Approved Program (Years)	Beginning Stipend (Month)
University of Illinois Research and Educational Hospitals [1-3]	Chicago	R. A. Harvey	Rad.	57,340	15,574	....	...	1	7	3	125
St. Francis Hospital [1]	Evanston, Ill.	A. C. Ledoux	Roent.	29,722	2,741	206	16	1	1	2	175
Little Company of Mary Hospital [1-3]	Evergreen Park, Ill.	W. W. Furey	Rad.	30,936	2,936	348	41	1	3	3	175
St. Francis Hospital [1-3]	Peoria, Ill	P. R. Dirkse-									
		D. F. Anderson	Roent.	21,193	3,327	390	4	1	2	2	225
Swedish American Hospital	Rockford, Ill.	H. W. Ackemann	Rad.	14,300	1,638	1,638	145	1	1	1	....
Carle Memorial Hospital and Clinic	Urbana, Ill.	....	Rad.	21,961	2,500	1,050	9	1	1	3	250
Clinic Hospital [3]	Bluffton, Ind.	R. E. Bishop	Rad.	28,733	1,493	....	12	1	2	3	400
St. Joseph's Hospital [1-3]	Fort Wayne, Ind.	C. H. Warfield	Roent.	16,149	3,237	115	6	1	2	2	250
Indiana University Medical Center and Affiliated Hospitals											
Indianapolis General Hospital [1-3-9]	Indianapolis	W. A. Tosiek	Rad.	39,582	3,719	123	45	..	..	2	205
Indiana University Medical Center Hospital [1]	Indianapolis	J. A. Campbell	Rad.	29,948	6,240	1,310	88	4	12	3	165
Veterans Admin. Hospital [1]	Indianapolis	P. C. Harding	Roent.	19,380	2,142	66	12	..	..	2	....
Methodist Hospital [1-3]	Indianapolis	H. C. Ochsner	D.R.	42,527	3,041	3,801	66	1	2	2	278
St. Elizabeth Hospital [1]	Lafayette, Ind.	G. W. Hunsberger	Roent.	10,934	1,562	185	23	1	2	2	225
Iowa Methodist Hospital [1-3]	Des Moines, Iowa	A. B. Phillips	Rad.	14,898	1,076	....	24	1	2	3	175
State University of Iowa Hospitals [1-3]	Iowa City	E. F. Van Epps	Rad.	58,091	15,517	....	146	3	9	3	140
University of Kansas Medical Center [1-3]	Kansas City, Kan.	G. M. Tice	Rad.	27,218	6,338	623	91	3	4	3	125
St. Francis Hospital [1-3]	Wichita, Kan.	J. R. Kline	D.R.	21,239	2,782	223	45	1	2	2	275
Wesley Hospital [1-3]	Wichita, Kan.	N. C. Nash	Rad.	14,945	2,878	....	30	1	1	1	175
St. Joseph Infirmary [1-3-140]	Louisville	S. E. Johnson	Rad.	27,265	5,197	2,518	127	1	4	3	210
University of Louisville Hospitals											
Louisville General Hospital [1-3-130]	Louisville	E. L. Pirkey	Rad.	40,908	2,925	121	35	2	6	3	83
Veterans Admin. Hospital [1-3]	Louisville	J. F. Shaw	Rad.	18,834	1,420	134	6	1	3	3	....
Charity Hospital of Louisiana [1]	New Orleans	M. Garcia	Rad.	151,504	55,956	4,183	258	5	14	3	100
Ochsner Foundation Hospital [1-142]	New Orleans	E. H. Little	Rad.	49,098	3,167	315	...	1	4	3	225
Southern Baptist Hospital [1-3]	New Orleans	L. J. Bristow, Jr.	Rad.	24,048	5,090	448	37	1	3	3	225
Touro Infirmary [1]	New Orleans	A. R. Payzant	Rad.	28,545	2,677	227	21	1	3	3	125
Confederate Memorial Medical Center [1]	Shreveport, La.	W. H. Carroll	Rad.	30,609	10,293	755	67	2	6	3	125
Eastern Maine General Hospital [1-3]	Bangor, Maine	H. A. Smith	Roent.	19,015	1,906	477	17	1	1	2	100
Central Maine General Hospital [1]	Lewiston, Maine	C. F. Miller	Rad.	11,379	1,605	132	60	..	1	3	225
Maine General Hospital [1]	Portland, Maine	J. F. Gibbons	Rad.	17,986	2,675	37	81	2	2	3	100
Baltimore City Hospitals [1-3]	Baltimore	J. DeCarlo	D.R.	30,945	777	517	7	1	3	2	50
Johns Hopkins Hospital [1-3-153]	Baltimore	R. H. Morgan	Rad.	70,359	12,273	....	311	8	9	3	25
Mercy Hospital [1-3]	Baltimore	E. R. Dana	Roent.	21,241	1,101	....	48	1	1	1	275
Sinai Hospital [1-3-9]	Baltimore	J. O. Salik	D.R.	20,276	1,227	....	34	1	3	2	110
University Hospital [1-3]	Baltimore	J. M. Dennis	....	60,152	6,246	....	119	1	5	3	75
Washington County Hospital [1]	Hagerstown, Md.	S. H. Macht	Rad.	15,042	2,384	560	87	1	1	3	250
Beth Israel Hospital [1-3-166]	Boston	F. G. Fleischner	Rad.	23,067	1,633	158	4	2	5	3	100
Boston City Hospital [1-3]	Boston	M. Ritvo	Rad.	107,203	3,509	249	56	..	11	3	132
Children's Medical Center [1-3]	Boston	E. B. D. Neuhauser	Roent.	23,387	2,191	....	...	..	4	2	50
Faulkner Hospital [1-3-169]	Boston	L. E. Hawes	Roent.	8,950	1,200	35	...	1	2	2	....
Lahey Clinic [1-3-174-175-177]	Boston	M. I. Smedal	Roent.	46,167	1,705	19	4	2	7	3	200
Massachusetts General Hospital [1-3]	Boston	L. L. Robbins	Rad.	69,512	18,878	....	245	2	6	3	67
Massachusetts Memorial Hospitals [1-3]	Boston	G. Levene	Roent.	46,343	4,043	193	4	2	4	2	50
New England Central Hospital [1-3-166]	Boston	A. Ettinger	Rad.	28,716	2,434	79	8	1	3	3	100
New England Deaconess Hospital	Boston	J. H. Marks	Roent.	22,316	5,632	112	53	1	3	2	135
Peter Bent Brigham Hospital [1-3-184]	Boston	M. C. Sosman	Rad.	28,254	2,407	....	10	2	9	3	42
Cambridge City Hospital [1]	Cambridge, Mass.	F. A. Herzan	Roent.	15,504	981	25	6	1	2	2	125
Mount Auburn Hospital [1-3]	Cambridge, Mass.	R. Schatzki	Roent.	16,870	2,297	120	2,684	..	1	2	175
Lawrence General Hospital [1-3]	Lawrence, Mass.	G. V. West	Roent.	15,220	2,134	200	26	1	3	1	175
Lynn Hospital [1-3]	Lynn, Mass.	H. A. Osgood	Roent.	23,111	2,969	....	7	1	1	3	150
Newton-Wellesley Hospital [1-3]	Newton, Mass.	C. Liebman	Roent.	14,097	.....	993	4	1	2	2	170
Salem Hospital [1-3]	Salem, Mass.	R. W. Liming	Roent.	14,124	1,848	461	2	1	3	3	125
Springfield Hospital [1-3]	Springfield, Mass.	R. A. Grugan	D.R.	15,522	1,734	4	20	1	1	1	175
Memorial Hospital [1-3]	Worcester, Mass.	W. J. Elliott	Roent.	2,484	.....	....	15	1	1	1	200
St. Joseph Mercy Hospital [1-3]	Ann Arbor, Mich.	S. W. Donaldson	Rad.	24,167	1,726	274	33	1	3	3	250
University Hospital [1-3]	Ann Arbor, Mich.	F. J. Hodges	Rad.	55,555	9,561	723	140	6	18	3	154
Leila Y. Post Montgomery Hospital [1-3]	Battle Creek, Mich.	S. P. Barden	Rad.	11,925	1,616	212	20	..	1	3	275
Children's Hospital [1]	Detroit	W. A. Evans, Jr.	D.R.	19,532	.....	18	...	..	2	1	...
Grace Hospital [1-3]	Detroit	H. A. Jarre	Rad.	35,742	6,472	1,826	33	2	4	3	275
Harper Hospital [1-3-196]	Detroit	L. Reynolds	Rad.	27,071	21,900	470	275	3	9	3	225
Henry Ford Hospital [1-3]	Detroit	W. R. Eyler	Rad.	71,471	5,051	485	88	4	12	3	225
Mount Carmel Mercy Hospital [1-3]	Detroit	J. M. Grace	Roent.	46,766	3,428	167	31	1	2	2	225
Providence Hospital [1]	Detroit	W. A. Irwin	Rad.	29,613	3,309	2,855	209	1	3	3	275
Sinai Hospital [1-3]	Detroit	H. Z. Mellins	D.R.	16,279	2,248	60	22	1	1	1	275
Wayne University Affiliated Hospitals		.....	Rad.	.....	.....	....	...	..	..	3	...
Veterans Admin. Hospital [1-3]	Dearborn, Mich.	E. E. Levine	Rad.	25,756	3,108	164	4	2	6	2	...
Detroit Memorial Hospital	Detroit	.....	.....	.....	.....	....	...	..	..	..	...
Herman Kiefer Hospital [1-3]	Detroit	C. C. Birkelo	D.R.	264,908	.....	....	...	2	2	1	406
Receiving Hospital [1-3-204]	Detroit	J. E. Lofstrom	Rad.	79,710	8,562	502	69	6	18	3	200
Wayne County General Hospital and Infirmary [1-3]	Eloise, Mich.	J. Zbikowski	Roent.	49,473	1,818	39	18	3	3	2	306
Hurley Hospital [1-3]	Flint, Mich.	D. R. Limbach	Rad.	57,636	7,324	494	112	2	6	3	325
St. Joseph Hospital	Flint, Mich.	J. E. Livesay	D.R.	20,279	443	....	34	1	1	2	400
Blodgett Memorial Hospital [1-3]	Grand Rapids, Mich.	H. C. Jones	Roent.	14,727	3,611	12	38	1	2	2	250
Butterworth Hospital [1-3]	Grand Rapids, Mich.	V. Lester	Rad.	19,587	3,033	281	109	1	3	3	225
St. Joseph Mercy Hospital [1-3]	Pontiac, Mich.	J. Morton	Rad.	28,534	3,783	....	45	1	2	2	325
Northwestern Hospital [1-3]	Minneapolis	C. O. Hansen	Roent.	16,717	8,801	538	...	..	1	2	200
Swedish Hospital [1-3]	Minneapolis	L. G. Idstrom	Rad.	32,850	3,682	....	46	1	1	3	200
University of Minnesota Hospitals [1-3-210]	Minneapolis	L. G. Rigler	Rad.	52,050	11,892	900	232	5	15	3	185
Mayo Foundation [1]	Rochester, Minn.	H. M. Weber	Rad.	263,113	27,924	820	1,627	8	25	3	150
Charles T. Miller Hospital [1-3]	St. Paul	H. O. Peterson	Rad.	16,530	7,801	....	...	1	3	3	185
St. Joseph's Hospital [1-3]	St. Paul	J. P. Medelman	Roent.	13,825	2,290	70	8	1	1	1	185
St. Louis County Hospital [1-3]	Clayton, Mo.	S. J. Merenda	Roent.	13,123	3,828	520	5	1	3	1	225
Kansas City General Hospital No. 1 [1-3]	Kansas City, Mo.	J. W. Barry	Rad.	24,293	1,038	160	33	1	3	3	150
Menorah Medical Center [1-3]	Kansas City, Mo.	D. S. Dann	Roent.	14,780	926	282	25	1	2	2	300
Research and Affiliated Hospitals											
Veterans Admin. Hospital [1-3]	Wadsworth, Kan.	R. F. Davis	Roent.	21,970	1,970	109	4	4	10	2	...
Children's Mercy Hospital	Kansas City, Mo.	.....	.....	.....	.....	....	...	..	..	..	...
Kansas City General Hospital No. 2 [1-3]	Kansas City, Mo.	I. H. Lockwood	D.R.	17,555	296	....	5	1	3	3	150
Research Hospital [1-3]	Kansas City, Mo.	I. H. Lockwood	Rad.	16,694	1,792	57	57	4	12	3	220
Veterans Admin. Hospital [1]	Kansas City, Mo.	M. F. Westfall	Rad.	28,351	1,427	129	2	2	4	1	...
St. Joseph Hospital [1-3]	Kansas City, Mo.	C. E. Virden	Rad.	18,557	3,749	48	140	1	4	3	250
St. Luke's Hospital [1-3]	Kansas City, Mo.	L. A. Scarpellino	Roent.	13,974	2,171	83	37	1	3	3	175
Barnes Hospital [1-3]	St. Louis	H. Wilson	Rad.	59,354	14,443	....	...	..	..	..	...
De Paul Hospital [1-3]	St. Louis	E. C. Ernst	Rad.	11,617	1,902	228	43	1	1	3	200
Homer G. Phillips Hospital [1-3]	St. Louis	W. E. Allen, Jr.	Rad.	27,664	2,082	108	70	2	5	3	190
Jewish Hospital [1-3]	St. Louis	H. R. Senturia	Rad.	17,334	6,397	471	61	2	3	2	100
St. Louis City Hospital [1-3]	St. Louis	D. Weir	Rad.	49,487	3,326	340	135	2	6	3	190

Numerical and other references will be found on pages 387 through 390.

25. RADIOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Type of Training	Number of X-Ray Examinations	Number of Deep X-Ray Treatments	Number of Superficial X-Ray Treatments	Number of Radium Treatments	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
St. Luke's Hospital [1-3]	St. Louis	H. W. Frerking	Roent.	11,344	1,551	8	40	1	1	3	250
St. Mary's Group of Hospitals [1-3-224]	St. Louis	L. Sante	Rad.	27,121	3,902	164	52	1	3	3	100
Creighton Memorial—St. Joseph's Hospital [1-10]	Omaha	J. F. Kelly, Sr.	Rad.	15,731	1,866	147	30	1	3	3	175
Nebraska Methodist Hospital [1-3]	Omaha	H. B. Hunt	Rad.	12,907	5,976	1,002	124	1	1	3	300
University of Nebraska Hospital [1-1]	Omaha	H. B. Hunt	Rad.	15,911	1,910	345	64	1	4	3	175
Mary Hitchcock Memorial Hospital [1-3]	Hanover, N. H.	W. C. MacCarty, Jr.	Rad.	25,690	3,123	1,010	100	1	3	3	188
Hackensack Hospital [1-3]	Hackensack, N. J.	E. J. Ryan	Rad.	13,389	2,304	218	10	1	3	2	150
Jersey City Medical Center [1-3]	Jersey City, N. J.	H. J. Perlberg	Roent.	41,285	9,338	422	185	4	6	3	145
Morristown Memorial Hospital [1-3]	Morristown, N. J.	F. Reed, Jr.	Roent.	13,487	1,950	191	19	1	1	1	185
Burlington County Hospital [1]	Mt. Holly, N. J.	H. P. Kane	Roent.	8,079	709	90	5	1	1	1	100
Harrison S. Martland Medical Center [1-3]	Newark, N. J.	P. J. Santora	Roent.	43,548	2,593	178	15	2	6	2	162
Hospital of Saint Barnabas and for Women and Children [1-3]	Newark, N. J.	P. J. Gianquinto	Roent.	7,100	1,316	367	16	1	2	2	150
Newark Beth Israel Hospital [1-3]	Newark, N. J.	N. J. Furst	Roent.	14,412	4,524	157	72	1	1	2	100
Albany Hospital [1-3]	Albany, N. Y.	J. F. Roach	Rad.	25,925	7,953	...	68	1	3	3	160
Brooklyn Hospital [1-3]	Brooklyn, N. Y.	J. H. Wentworth	Rad.	21,776	2,159	208	38	1	3	3	200
Cumberland Hospital [1-3-249]	Brooklyn, N. Y.	E. Mendelson	D.R.	21,034	441	5	1	1	3	2	105
Jewish Hospital [1-3]	Brooklyn, N. Y.	S. S. Schwartz	Rad.	26,510	4,714	...	25	2	5	3	100
Kings County Hospital	Brooklyn, N. Y.	H. Mellins- A. B. Friedmann	D.R.	134,989	14,333	481	141	6	8	2	104
Long Island College Hospital [1-3]	Brooklyn, N. Y.	A. L. L. Bell	Rad.	18,216	1,182	35	24	1	3	3	150
Maimonides Hospital [1-3]	Brooklyn, N. Y.	M. Slobodkin	D.R.	29,503	1,721	169	24	1	3	2	75
Methodist Hospital [1-3]	Brooklyn, N. Y.	N. F. Bartone	Roent.	12,267	1,637	38	16	1	2	2	175
Buffalo General Hospital [1-3]	Buffalo	G. J. Culver	Rad.	25,188	8,343	...	77	2	4	3	175
Deaconess Hospital [1-3-161]	Buffalo	R. Seibel	Rad.	5,037	93	4,107	27	1	1	3	300
Edward J. Meyer Memorial Hospital [1]	Buffalo	E. G. Eschner	Roent.	37,242	1,242	745	20	1	3	3	248
Millard Fillmore Hospital	Buffalo	E. H. Schnap	Rad.	19,440	1,285	142	...	1	1	3	285
Roswell Park Memorial Institute [1-3-264]	Buffalo	W. T. Murphy- L. Lasser	Rad.	26,117	39,540	3,471	790	7	11	3	275
Elmhurst General Hospital [1-3-458]	Elmhurst, N. Y.	P. Strax	D.R.	23,174	712	1,038	...	1	1	2	105
Flushing Hospital and Dispensary [1-3-270]	Flushing, N. Y.	M. Pomeranz	D.R.	19,214	611	204	...	1	3	2	175
Meadowbrook Hospital	Hempstead, N. Y.	H. R. Zatzkin	Rad.	27,077	8,569	428	38	1	3	3	225
Queens General Hospital [1-3]	Jamaica, N. Y.	A. V. Shapiro- L. B. Goldman	Rad.	77,013	4,461	1,190	90	1	4	3	105
Charles S. Wilson Memorial Hospital [1-3]	Johnson City, N. Y.	B. D. Jay	Roent.	21,715	1,508	169	11	1	2	2	225
Long Island Jewish Hospital [1-3-273]	New Hyde Park, N. Y.	B. S. Epstein	D.R.	13,944	1,389	60	10	2	4	1	75
New Rochelle Hospital [1-3]	New Rochelle, N. Y.	J. F. Miller	Roent.	19,924	2,195	44	6	1	2	2	225
Bellevue Hospital Center Div. III—New York University College of Medicine [1-3-278]	New York City	M. Poppel	Rad.	129,364	8,190	1,124	261	4	15	3	105
Beth David Hospital [1-3]	New York City	M. Birnkrant	D.R.	8,800	.....	...	...	1	1	1	125
Beth Israel Hospital [1-3-9]	New York City	A. Geffen	D.R.	15,163	2,388	82	7	2	3	2	140
Bronx Hospital [1-3]	New York City	A. J. Bernstein- J. R. Freid	Roent.	17,305	3,065	282	10	1	3	2	100
Bronx Municipal Hospital Center [3]	New York City	M. Elkin	D.R.	1,847	.....	...	...	3	9	2	105
Doctors Hospital [1-3]	New York City	A. J. Tillinghast	Roent.	6,928	695	...	19	1	2	2	200
Fordham Hospital [1-3]	New York City	H. Poster	D.R.	28,797	.....	...	7	1	1	1	105
Francis Delafield Hospital [1-3]	New York City	H. Jacox	Rad.	9,566	17,434	468	18	11	13	3	105
Goldwater Memorial Hospital [1-3-269]	New York City	H. K. Taylor	D.R.	11,011	2,275	175	1	3	3	1	104
Hospital for Joint Diseases [1-3]	New York City	M. M. Pomeranz	Roent.	26,745	6,029	194	8	1	3	3	80
Lenox Hill Hospital [1-3]	New York City	F. H. Ghiselin	Roent.	21,923	3,420	130	3,602	1	3	3	180
Lincoln Hospital [1-3]	New York City	R. Feig	Roent.	34,034	490	159	19	1	2	2	105
Memorial Center for Cancer and Allied Diseases			Rad.	.....	.....	...	...	..	..	2	...
James Ewing Hospital [1-3]	New York City	R. S. Sherman	.....	12,543	577	...	202	..	..	..	160
Memorial Hospital [1-3]	New York City	R. Sherman- J. J. Nickson	.....	58,387	43,950	...	235	4	21	..	160
Montefiore Hospital [1-3]	New York City	H. Jacobson- J. Fried	Rad.	56,111	16,146	1,620	63	4	10	3	75
Morrisania City Hospital [1-3]	New York City	J. Fierstein- P. W. Cohen	Rad.	21,943	1,890	259	44	2	2	2	105
Mount Sinai Hospital [1-3]	New York City	B. S. Wolf- S. M. Silverstone	Rad.	41,117	6,670	.....	91	2	6	3	50
New York Hospital [1-3-298]	New York City	J. A. Evans	Rad.	73,504	9,417	600	300	3	13	3	116.67
New York Medical College-Metropolitan Medical Center Flower and Fifth Avenue Hospitals [1-3]	New York City	F. J. Borrelli	Rad.	41,297	1,454	200	33	1	3	3	...
Metropolitan Hospital [1-3]	New York City	F. J. Borrelli	D.R.	33,688	2,275	175	14	2	4	2	105
New York Polyclinic Medical School and Hospital [1-3]	New York City	W. H. Shehadi	Roent.	10,732	1,240	190	30	1	2	2	100
New York University-Bellvue Medical Center University Hospital	New York City	M. Poppel	Rad.	22,561	2,986	106	113	1	4	3	85
Presbyterian Hospital [1]	New York City	H. W. Jacox	Rad.	105,244	17,680	2,528	162	4	12	3	250
Roosevelt Hospital [1-3]	New York City	A. A. Dunn	Rad.	44,907	3,151	71	4,579	2	6	3	133
St. Francis Hospital [1-3]	New York City	J. J. Haggerty	D.R.	.....	.....	.....	.....	1	2	1	125
St. Luke's Hospital [1-3]	New York City	H. F. Hempel	Rad.	38,081	3,993	.....	33	2	6	3	100
St. Vincent's Hospital [1-3]	New York City	F. F. Ruzicka, Jr.	Rad.	34,101	3,092	547	20	2	4	3	125
United Hospital [1-3]	Port Chester, N. Y.	T. West	Roent.	12,786	2,996	20	2	1	1	1	200
Genesee Hospital [1-3]	Rochester, N. Y.	G. J. Baron	Roent.	22,857	2,753	236	21	1	1	3	150
Rochester General Hospital [1-3]	Rochester, N. Y.	E. F. Merrill	Rad.	24,594	6,110	1,006	65	1	3	3	125
St. Mary's Hospital [1-3]	Rochester, N. Y.	A. V. Winchell	Roent.	21,487	740	111	274	1	1	2	200
Strong Memorial-Rochester Municipal Hospital [1-3-261]	Rochester, N. Y.	G. H. Ramsey	Rad.	28,820	5,104	390	342	3	9	3	92
State University of New York Upstate Medical Center Hospital [1-3]	Syracuse, N. Y.	C. Hale	Roent.	32,978	5,173	.....	112	2	6	3	192
Grasslands Hospital [1-3]	Valhalla, N. Y.	A. G. Debbie	Roent.	19,966	2,477	1,084	8	1	3	3	175
St. John's Riverside Hospital [1-3]	Yonkers, N. Y.	J. Miller	Roent.	7,854	1,092	254	8	1	2	2	250
North Carolina Memorial Hospital [1-3]	Chapel Hill, N. C.	E. H. Wood	Rad.	29,031	1,945	97	63	2	6	3	156
Duke University Hospital [1-3-323]	Durham, N. C.	R. J. Reeves	Rad.	69,290	8,774	630	90	5	12	3	102
Watts Hospital [1-3]	Durham, N. C.	S. P. Perry	D.R.	3,402	1,992	.....	22	1	3	2	175
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	I. Meschan	Rad.	28,990	253	32	33	2	6	3	125
Bismarck Hospital [3]	Bismarck, N. Dak.	H. M. Berg	Rad.	26,461	2,841	842	58	1	3	3	300
Akron City Hospital [1-3-327]	Akron, Ohio	F. T. Moore	Rad.	49,144	9,537	.....	185	2	6	3	250
Akron General Hospital [1]	Akron, Ohio	C. J. Miller, Jr.	Rad.	18,745	3,723	164	21	1	1	3	250
Aultman Hospital [1-3]	Canton, Ohio	S. Larson	Roent.	24,499	2,186	728	25	2	4	2	275
Mercy Hospital [1-3]	Canton, Ohio	T. J. Dodd	Roent.	24,740	3,469	.....	37	2	4	3	200
Cincinnati General Hospital [1-3-329]	Cincinnati	B. Felson	Rad.	46,636	7,247	226	67	4	12	3	85
Good Samaritan Hospital [1-3]	Cincinnati	J. McCarthy	Roent.	27,961	4,543	75	43	1	2	2	250
Jewish Hospital [1-3]	Cincinnati	L. Rosenberg	Rad.	22,300	2,287	329	75	1	3	3	145
City Hospital [1-3]	Cleveland	H. Hauser	Rad.	39,479	3,235	193	64	3	9	3	150
Cleveland Clinic Hospital [1-3]	Cleveland	C. R. Hughes	Rad.	96,308	8,922	232	70	4	12	3	175
Huron Road Hospital [1-3]	Cleveland	W. Heinrich	Rad.	28,037	2,318	275	2,590	2	3	3	210
Lutheran Hospital [1-3]	Cleveland	J. A. Groh	Roent.	14,434	2,400	101	5	1	3	3	250
Mount Sinai Hospital [1-3]	Cleveland	H. Mahrer	Roent.	26,958	3,857	.....	21	1	3	3	215

Numerical and other references will be found on pages 387 through 390.

25. RADIOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Type of Training	Number of X-Ray Examinations	Number of Deep X-Ray Treatments	Number of Superficial X-Ray Treatments	Number of Radium Treatments	First Year Residencies Offered [6]	Total Residencies Offered [6]	Length of Approved Program (Years)	Beginning Stipend (Month)
St. Luke's Hospital [1-3]	Cleveland	D. D. Brannan	Rad.	40,539	4,702	428	34	1	3	3	120
St. Vincent Charity Hospital [1-3]	Cleveland	E. J. O'Malley	Rad.	19,468	1,672	.....	15	1	3	3	225
University Hospitals [1-3]	Cleveland	H. L. Friedell	Rad.	54,317	7,313	759	58	2	6	3	125
Ohio State University Hospitals											
University Hospital [1-3-349]	Columbus, Ohio	S. W. Nelson	Rad.	56,112	12,295	647	343	4	12	3	...
Miami Valley Hospital [1-3]	Dayton, Ohio	G. A. Nicoll	Rad.	21,654	2,736	.....	58	1	3	3	250
St. Elizabeth Hospital [1]	Dayton, Ohio		D.R.	.....	.....	.....	.....	..	..	1	...
Elyria Memorial Hospital	Elyria, Ohio	D. Russell	D.R.	.....	.....	.....	...	1	1	1	270
Mercy Hospital [1-3]	Toledo, Ohio	M. M. Thompson	Rad.	15,891	858	.....	12	1	3	3	275
Youngstown Hospital [1-3]	Youngstown, Ohio	E. C. Baker	Rad.	28,045	9,575	378	498	1	3	3	175
University of Oklahoma Hospitals											
University Hospital [1-3]	Oklahoma City	P. E. Russo	Rad.	33,634	9,874	1,627	105	2	6	3	...
Veterans Admin. Hospital [1]	Oklahoma City	S. M. Glasser	D.R.	23,527	2,367	197	.....	2	4	1	...
Wesley Hospital [1]	Oklahoma City	E. H. Kalmon	D.R.	9,881	2,427	46	34	1	1	1	275
St. John's Hospital [1-3]	Tulsa, Okla.	L. M. Pascucci	Rad.	11,314	1,595	140	.....	1	4	3	175
Providence Hospital [1-3]	Portland, Ore.	S. Rees	D.R.	13,859	1,404	.....	40	1	3	2	275
St. Vincent's Hospital [1-3]	Portland, Ore.	S. E. Rees	Roent.	12,508	1,584	.....	40	1	3	3	275
University of Oregon Medical School Hospitals and Clinics	Portland, Ore.	C. T. Dotter	Rad.	37,844	3,422	.....	41	2	6	3	100
Abington Memorial Hospital [1-3]	Abington, Pa.	J. D. Zulick	Roent.	22,546	4,233	354	40	1	2	3	150
Sacred Heart Hospital [1-3]	Allentown, Pa.	C. L. Mengel- K. W. Taber	Rad.	10,449	5,021	650	600	1	3	3	225
Bryn Mawr Hospital [1-3]	Bryn Mawr, Pa.	R. M. Harvey	Rad.	21,748	3,661	405	128	1	3	3	200
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	C. L. Hinkel	Rad.	23,146	1,886	3,751	36	1	4	3	175
Thomas M. Fitzgerald Mercy Hospital [1-3-367]	Darby, Pa.	B. P. Widmann- F. Alexander	Rad.	16,185	1,886	284	98	1	3	3	100
St. Vincent's Hospital	Erie, Pa.	R. D. Bacon	Rad.	16,526	1,047	41	20	1	2	3	100
Albert Einstein Medical Center											
Northern Division [1-3]	Philadelphia	J. Gershon-Cohen	Rad.	24,543	6,820	406	66	2	6	3	150
Southern Division [1]	Philadelphia	H. Isard	Rad.	15,409	2,337	.....	55	1	3	3	150
American Oncologic Hospital [1-3]	Philadelphia	S. G. Castigliano	Th.R.	1,703	7,284	759	49	2	2	1	250
Chestnut Hill Hospital [1]	Philadelphia	R. P. Barden	Roent.	9,105	1,719	370	51	1	2	2	150
Episcopal Hospital [1-3]	Philadelphia	H. Fisher	Rad.	23,402	2,666	.....	34	1	1	3	150
Germantown Dispensary and Hospital [1-3]	Philadelphia	B. R. Young	Rad.	27,109	3,610	1,107	54	1	4	3	150
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	A. Finkelstein	Rad.	22,275	3,234	574	19	3	10	3	75
Hahnemann Medical College and Hospital [3]	Philadelphia	J. S. Lehman	Rad.	30,978	3,542	129	318	2	6	3	75
Hospital of the University of Pennsylvania [1-3]	Philadelphia	E. Pendergrass	Rad.	167,251	13,325	3,331	204	6	24	3	...
Hospital of the Woman's Medical College of Pennsylvania [1-3]	Philadelphia	J. H. Vastine, II	Roent.	9,387	2,100	3	40	1	2	3	200
Jeanes Hospital [371]	Philadelphia	E. P. Pendergrass	Rad.	5,094	898	73	11	1	1	1	300
Jefferson Medical College Hospital [1-3]	Philadelphia	R. L. Nichols	Rad.	48,163	4,649	1,174	196	4	12	3	100
Nazareth Hospital [1]	Philadelphia	J. S. Fetter	Roent.	17,783	1,901	536	27	1	3	3	200
Pennsylvania Hospital [1-3]	Philadelphia	P. A. Bishop	Rad.	20,889	1,981	270	93	2	2	3	100
Philadelphia General Hospital [1-3]	Philadelphia	B. P. Widmann	Rad.	3,459	10,164	216	123	9	9	3	114
Presbyterian Hospital [1-3]	Philadelphia	E. L. Lame	Rad.	10,477	2,535	.....	34	1	2	3	150
Temple University Hospital [1-3]	Philadelphia	W. E. Chamberlain	Rad.	36,691	5,645	78	25	..	..	3	...
Allegheny General Hospital [1]	Pittsburgh	T. B. Childs	Roent.	27,354	3,081	551	35	1	3	3	200
Mercy Hospital [1-3]	Pittsburgh	C. R. Perryman	Rad.	36,529	15,221	.....	40	2	6	3	175
Montefiore Hospital [1-3]	Pittsburgh	H. W. Friedman	Roent.	16,904	3,088	342	..	2	2	3	225
Pittsburgh Medical Center	Pittsburgh	G. W. Grier	Rad.	16,962	1,491	67	20	1	3	3	125
St. Francis General Hospital and Rehabilitation Institute [1]	Pittsburgh	G. H. Alexander	Rad.	18,728	2,492	12	26	1	3	3	200
Western Pennsylvania Hospital [1-3]	Pittsburgh	D. H. Rice	Roent.	25,751	3,651	641	76	1	2	2	225
Reading Hospital [1-3]	Reading, Pa.	G. W. Chamberlin	Rad.	4,878	.....	.....	..	2	6	3	225
St. Joseph's Hospital [1-3]	Reading, Pa.	W. W. Werley- N. Carabello	Roent.	10,815	1,911	329	12	1	1	1	250
Robert Packer Hospital [1-3]	Sayre, Pa.	J. T. Littleton	Rad.	32,999	3,796	517	23	2	4	3	200
Sharon General Hospital [3]	Sharon, Pa.	H. A. Steiner	Roent.	13,095	1,738	.....	28	1	1	1	250
Chester County Hospital	West Chester, Pa.	J. Gershon-Cohen	Roent.	7,140	1,495	750	5	1	1	1	150
Rhode Island Hospital [1-3]	Providence, R. I.	L. A. Martineau	Roent.	32,072	1,974	460	.....	1	3	3	100
Roger Williams General Hospital	Providence, R. I.	R. R. Hunt	Roent.	12,083	2,621	650	54	1	1	2	200
Roper Hospital [1-3]	Charleston, S. C.	H. S. Pettitt	Rad.	26,335	5,462	24	57	2	4	3	138
Columbia Hospital of Richland County	Columbia, S. C.	G. W. Smith	Roent.	47,824	3,939	108	38	1	1	1	175
Spartanburg General Hospital	Spartanburg, S. C.	H. E. Plenge	Rad.	30,865	548	.....	38	1	1	3	250
Baroness Erlanger Hospital [1-3]	Chattanooga, Tenn.	C. W. Reavis	Rad.	22,193	3,638	400	63	2	2	2	175
Baptist Memorial Hospital [1-3]	Memphis, Tenn.	J. E. Whitelea'her	Roent.	23,881	2,958	355	118	2	7	3	150
City of Memphis Hospitals [1-3]	Memphis, Tenn.	C. Heacock	Rad.	37,139	1,603	180	74	2	8	3	100
Methodist Hospital	Memphis, Tenn.	J. C. King	Rad.	23,473	5,213	637	24	2	6	3	150
George W. Hubbard Hospital [1-3]	Nashville, Tenn.	G. J. Tarleton	Rad.	9,476	1,172	118	29	1	3	3	125
Vanderbilt University Hospital [1-3]	Nashville, Tenn.	H. C. Francis	Rad.	26,297	3,925	134	91	3	7	3	50
Brackenridge Hospital [1-3]	Austin, Texas	J. C. Rude	D.R.	14,814	1,878	180	56	1	1	1	200
Baylor University Hospital [1-3]	Dallas, Texas	J. E. Miller	Rad.	25,955	7,748	.....	133	1	4	3	100
Methodist Hospital [1-3]	Dallas, Texas	H. H. Millwee	D.R.	13,476	1,046	63	51	1	1	1	200
St. Paul's Hospital [1-3]	Dallas, Texas	G. D. Carlson	Rad.	13,082	1,655	.....	53	1	3	2	125
University of Texas Medical Branch Hospital [1-3]	Galveston, Texas	R. N. Cooley	Rad.	67,407	9,354	.....	126	3	9	3	160
Baylor University College of Medicine Affiliated Hospitals											
Jefferson Davis Hospital [1-3]	Houston, Texas	V. P. Collins	Rad.	50,256	127	42	67	2	6	3	75
Methodist Hospital [1-3]	Houston, Texas	C. H. Burge	Rad.	16,967	1,750	.....	9	1	2	2	220
Veterans Admin. Hospital [1-3]	Houston, Texas	H. L. Barton	Roent.	37,619	5,595	392	20	2	6	2	...
Hermann Hospital [1-3-404]	Houston, Texas	L. M. Vaughan	Roent.	40,202	5,246	180	60	1	3	2	100
St. Joseph's Hospital [3-404]	Houston, Texas	C. W. Yates	Rad.	23,256	2,737	56	42	1	1	3	225
University of Texas M. D. Anderson Hospital and Tumor Institute [1-3-402]	Houston, Texas	G. H. Fletcher	Rad.	15,930	30,133	1,977	536	3	14	3	150
Baptist Memorial Hospital [1-3]	San Antonio, Texas	E. F. Lyon, Jr.	D.R.	13,149	1,342	71	67	1	2	2	150
Robert B. Green Memorial Hospital [1-3]	San Antonio, Texas	F. E. O'Neill	D.R.	30,692	1,390	142	25	1	2	2	150
Santa Rosa Hospital [1-3]	San Antonio, Texas	J. J. Wiesner	Rad.	14,697	1,399	214	187	1	2	3	250
Scott and White Memorial Hospitals [1-3]	Temple, Texas	A. W. Sommer	Rad.	44,257	5,254	489	120	1	3	3	250
University of Utah Affiliated Hospitals			Roent.	.....	.....	.....	...	..	..	3	...
Dr. W. H. Groves Latter-Day Saints Hospital [3]	Salt Lake City	E. R. Crowder	Roent.	8,935	646	.....	...	1	3	3	200
Holy Cross Hospital [1-3-408]	Salt Lake City	R. R. Meyer	.....	7,504	1,348	.....	10	1	2	..	175
St. Mark's Hospital [1-3-9]	Salt Lake City	H. P. Plenk	Roent.	7,258	1,523	50	16	1	1	2	245
Salt Lake County General Hospital	Salt Lake City	W. R. Christensen	Roent.	17,419	4,004	258	15	2	6	3	135
Veterans Admin. Hospital	Salt Lake City	D. W. Stowell	.....	11,196	.....	.....	...	1	3	..	...
University of Vermont Affiliated Hospitals											
De Goesbriand Memorial Hospital [1-3]	Burlington, Vt.	F. Van Buskirk	Roent.	11,557	1,305	69	...	1	2	1	100
Mary Fletcher Hospital [1-3-413]	Burlington, Vt.	A. B. Soule, Jr.	Rad.	15,850	4,558	122	50	1	3	3	167
University of Virginia Hospital [1-3]	Charlottesville, Va.	V. W. Archer	Roent.	38,167	5,692	600	48	2	6	3	50
De Paul Hospital [1-3]	Norfolk, Va.	J. Foster	Roent.	14,006	2,184	544	27	1	3	2	200

Numerical and other references will be found on pages 387 through 390.

25. RADIOLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Type of Training	Number of X-Ray Examinations	Number of Deep X-Ray Treatments	Number of Superficial X-Ray Treatments	Number of Radium Treatments	First Year Residencies Offered [5]	Total Residencies Offered [5]	Length of Approved Program (Years)	Beginning Stipend (Month)
Norfolk General Hospital [1-3]	Norfolk, Va.	C. P. Wisoff	Roent.	12,010	4,286	256	133	1	4	3	185
Medical College of Virginia—Hospital Division [1-3]	Richmond, Va.	F. B. Mandeville	Rad.	44,888	.....	4,763	134	1	5	3	50
Providence Hospital [1-3]	Seattle	E. A. Addington	D.R.	14,789	566	227	18	1	[12]	[12]	200
Swedish Hospital [1-3]	Seattle	S. T. Cantril.. Ther.	Rad.	.....	10,129	1,085	173	..	[12]	3	150
Virginia Mason Hospital [1-3]	Seattle	T. Carlile	Rad.	26,216	3,578	1,127	75	1	3	3	275
Sacred Heart Hospital	Spokane, Wash.	M. T. Harris	Rad.	11,899	1,102	17	37	[2]	[2]	[2]	250
St. Mary's Hospital [1-3]	Huntington, W. Va.	H. R. Crews	Roent.	18,296	3,914	448	19	[2]	[2]	[2]	200
Madison General Hospital [1-3]	Madison, Wis.	R. C. Schmitz	D.R.	20,053	2,391	72	37	1	1	1	150
Methodist Hospital	Madison, Wis.	W. L. Wastow	Rad.	12,896	1,402	210	35	1	1	[2]	150
University Hospitals [1-3]	Madison, Wis.	E. Pohle	Rad.	44,738	7,000	166	60	3	7	3	175
Columbia Hospital [1-3-433]	Milwaukee	S. A. Morton	Rad.	47,288	3,000	4,650	83	1	3	3	195
Evangelical Deaconess Hospital [1-3]	Milwaukee	A. Melamed-A. Marek	Roent.	18,276	2,397	45	20	1	1	1	250
Milwaukee County Hospital [1-3]	Milwaukee	J. L. Marks-M. Greenberg	Rad.	58,947	6,217	397	42	2	6	3	207
Milwaukee Hospital [1-3]	Milwaukee	H. W. Hefke	Rad.	47,603	7,601	.....	90	..	1	3	195
St. Joseph's Hospital [1-3]	Milwaukee	G. W. Sengpiel	Rad.	23,379	2,843	389	32	1	3	3	300
St. Luke's Hospital [1-3]	Milwaukee	H. H. Wright	Roent.	10,841	3,717	.....	19	1	2	3	275
San Juan City Hospital [1-3]	San Juan, P. R.	J. Landron Becerra	Roent	15,942	3,063	.....	.....	2	6	2	150

26. SURGERY

Residency programs in the following services have been approved for FOUR years of training by the Council, the American Board of Surgery and the American College of Surgeons through the Conference Committee on Graduate Training in Surgery. (See additional lists of approved three year and affiliated services, pages 379 through 382.)

Hospitals, 278; Assistant Residencies and Residencies, 3,600

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [5]	Total Residencies Offered [5]	Beginning Stipend (Month)
UNITED STATES ARMY							
Letterman Army Hospital [1]	San Francisco	H. T. Berwald	1,176	24	3	12	...
Fitzsimons Army Hospital [1]	Denver	C. S. Lyter	988	16	[2]	8	...
Army Medical Ceenter [1-3]	Washington, D. C.	R. T. Gants	761	1	4	16	...
Brooke Army Hospital [1-3]	San Antonio, Texas	W. F. Bowers	2,157	34	4	16	...
Tripler Army Hospital [1]	Honolulu, T. H.	G. L. Beatty	8,485	30	3	12	...
UNITED STATES NAVY							
U. S. Naval Hospital [1-3]	Oakland, Calif.	M. L. Gerber	1,268	12	[2]	8	...
U. S. Naval Hospital [1]	San Diego, Calif.	J. M. Hanner	2,902	24	3	9	...
U. S. Naval Hospital	Bethesda, Md.	R. B. Brown	2,525	8	4	8	...
U. S. Naval Hospital [1-3]	Chelsea, Mass.	L. L. Haynes	956	12	1	4	...
U. S. Naval Hospital	St. Albans, N. Y.	R. N. Grant	2,798	29	[2]	8	...
U. S. Naval Hospital [1-3]	Philadelphia	P. J. McNamara	2,513	20	[2]	7	...
U. S. Naval Hospital [1-3]	Portsmouth, Va.	J. J. Zuska	3,239	18	[2]	8	...
UNITED STATES PUBLIC HEALTH SERVICE							
U. S. Public Health Service Hospital [1-3]	San Francisco	W. A. Williamson	.....	12	1	4	...
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE							
Freedmen's Hospital [1-3]	Washington, D. C.	B. Syphax	1,000	18	3	11	218
VETERANS ADMINISTRATION							
Veterans Admin. Hospital [1-3]	Birmingham, Ala.	(See University of Alabama Medical Center)					
Veterans Admin. Hospital [1-3-17]	Little Rock, Ark.	R. J. Lipin	2,530	53	2	8	...
Veterans Admin. Hospital [1-3-25]	Long Beach, Calif.	J. A. Weinberg	1,525	40	3	12	...
Veterans Admin. Hospital [1-3-33]	Los Angeles	J. D. Briggs	2,968	153	10	[22]	...
Veterans Admin. Hospital [1-45]	San Francisco	L. G. Brizzolara	1,197	28	4	13	...
Veterans Admin. Hospital [1-3-57]	Denver	B. Eiseman	3,591	56	7	15	...
Veterans Admin. Hospital Newington Division [1-3-78]	West Haven, Conn.	P. W. Fenney	1,461	16	3	7	...
Veterans Admin. Hospital West Haven Division [1-3-74]	West Haven, Conn.	W. W. Lindenmuth	1,644	23	3	10	...
Veterans Admin. Hospital [1-3-86]	Washington, D. C.	J. G. Lee	1,685	40	2	7	...
Veterans Admin. Hospital [1-89]	Coral Gables, Fla.	M. H. Todd	2,642	86	5	14	...
Veterans Admin. Hospital [1-3]	Atlanta, Ga.	J. C. Thoroughman	1,502	18	7	16	...
Veterans Admin. Hospital [91]	Augusta, Ga.	(Seee Medical Colleze of Georgia Medical Center)					
Veterans Admin. Hospital [1-113]	Hines, Ill.	C. B. Puestow	3,197	74	7	47	...
Veterans Admin. Hospital [1]	Indianapolis	J. C. Finneran	1,198	69	..	..	...
Veterans Admin. Hospital [1-130]	Des Moines, Iowa	L. T. Palumbo	2,301	27	4	16	...
Veterans Admin. Hospital [1-3]	Iowa City	E. S. Brintnall	1,479	73	6	13	...
Veterans Admin. Hospital [1-3]	Wadsworth, Kan.	C. B. Boeshart	515	20	3	8	...
Veterans Admin. Hospital [1-3]	Louisville, Ky.	J. E. Hamilton	2,550	47	4	14	...
Veterans Admin. Hospital [1-3-118]	New Orleans	L. K. Richardson	1,351	44	5	10	...
Veterans Admin. Hospital [1-3-160]	Fort Howard, Md.	J. M. Miller	1,588	19	3	6	...
Veterans Admin. Hospital [1-3]	Perry Point, Md.	R. T. Shackelford	1,283	19	2	5	...
Veterans Admin. Hospital [1-3]	Boston (Jamaica Plain)	H. H. Faxon	2,638	56	6	25	...
Veterans Admin. Hospital [1-3-193]	Dearborn, Mich.	C. G. Johnston	2,415	74	8	20	...
Veterans Admin. Hospital [1-3-208]	Minneapolis	D. J. Ferguson	1,812	51	8	17	...
Veterans Admin. Hospital [1-219]	Kansas City, Mo.	G. A. Higgins	751	6	1	6	...
Veterans Admin. Hospital [1-3]	St. Louis	F. B. Hershey-J. E. Lewis	1,904	34	4	16	...
Veterans Admin. Hospital [1-3-240]	Omaha	W. P. Kleitsch	1,745	27	4	10	...
Veterans Admin. Hospital [1-3]	Albuquerque; N. M.	W. A. Childs	589	27	5	14	...
Veterans Admin. Hospital [1-3-247]	Albany, N. Y.	J. A. Nelson	1,731	49	3	11	...
Veterans Admin. Hospital [1-3-254]	Brooklyn, N. Y.	J. J. Cincotti	2,907	64	6	18	...
Veterans Admin. Hospital [1-3-263]	Buffalo	W. M. Chardack	2,005	42	4	16	...
Veterans Admin. Hospital [1-3-300]	New York City (Bronx)	J. Kneisel	2,291	41	4	14	...
Veterans Admin. Hospital [1-3-269]	New York City (Manhattan)	W. F. MacFee	602	11	5	20	...
Veterans Admin. Hospital [1-3]	Cleveland	C. L. Cogbill	1,843	37	8	16	...
Veterans Admin. Hospital	Dayton, Ohio	C. C. Burton	2,727	91	5	18	...
Veterans Admin. Hospital [1]	Oklahoma City	F. A. Quenzer	1,382	53	5	8	...
Veterans Admin. Hospital [1-3-362]	Portland, Ore.	R. A. Wise	1,423	25	4	14	...
Veterans Admin. Hospital [1-3-374]	Philadelphia	W. G. Nichols, Jr.	2,833	65	4	11	...

Numerical and other references will be found on pages 387 through 390.

26. SURGERY—Continued

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered *	Total Residencies Offered *	Beginning Stipend (Month)
Veterans Admin. Hospital [1-378]	Pittsburgh	F. C. Jackson	1,275	46	7	21	...
Veterans Admin. Hospital [1-3-391]	Memphis, Tenn.	R. F. Bowers	3,856	65	6	24	...
Veterans Admin. Hospital [1]	Nashville, Tenn.	R. I. Carlson	2,472	38	3	19	...
Veterans Admin. Hospital [1-3-398-398]	Dallas, Texas	J. P. North	987	34	2	6	...
Veterans Admin. Hospital [1-3]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)					
Veterans Admin. Hospital [1-3-408]	McKinney, Texas	J. P. North	1,349	26	1	4	...
Veterans Admin. Hospital [410]	Salt Lake City	J. A. Gubler	1,023	9	3	8	...
Veterans Admin. Hospital [1-3]	White River Jct., Vt.	(See Dartmouth Medical Center, Hanover, N. H.)					
Veterans Admin. Hospital [1-3]	Richmond, Va.	R. MacDonald	1,920	19	2	8	...
Veterans Admin. Hospital [1-3]	Seattle	J. T. Payne	742	45	4	14	...
Veterans Admin. Hospital [1-3-438]	Milwaukee (Wood)	M. B. Smith	2,112	68	5	17	...

NONFEDERAL

University of Alabama Medical Center							
University Hospital and Hillman Clinic [1-3]	Birmingham, Ala.	C. Lyons	4,442	48	10	26	108
Veterans Admin. Hospital [1-3]	Birmingham, Ala.	R. A. Dillard	899	14	4	7	...
Lloyd Noland Hospital [1-3]	Fairfield, Ala.	J. M. Slaughter	1,563	7	2	7	225
Maricopa County General Hospital [1-3]	Phoenix, Ariz.	C. T. Read	441	8	1	5	300
University Hospital [1]	Little Rock, Ark.	J. H. Growdon	1,082	41	4	12	145
General Hospital of Fresno County [1-3-21]	Fresno, Calif.	R. J. Rife	1,148	28	2	7	300
Los Angeles County Hospital [1]	Los Angeles	C. J. Berne	4,314	136	4	13	246
University of California Medical Center [1-3]	Los Angeles	W. P. Longmire, Jr.	.....	...	8	12	250
Highland-Alameda County Hospital [1-3-43]	Oakland, Calif.	E. M. Taylor	2,000	45	8	16	195
Kaiser Foundation Hospital [1-3-439]	Oakland, Calif.	A. L. Baritell	2,008	35	6	12	245
Mount Zion Hospital [1-3]	San Francisco	A. L. Brown	1,087	19	2	6	150
San Francisco Hospital							
Stanford University Service [1-3]	San Francisco	C. Mathewson	1,475	78	1	8	195
University of California Service [1-3]	San Francisco	L. Goldman	1,461	71	1	6	195
Stanford University Hospitals [1-3]	San Francisco	V. Richards	2,325	19	4	13	80
University of California Hospital [1-3]	San Francisco	H. G. Bell	1,886	20	4	14	200
Santa Clara County Hospital [1]	San Jose, Calif.	G. S. Harmon	1,132	76	7	7	300
Santa Barbara Cottage Hospital [1-3]	Santa Barbara, Calif.	J. H. Saint	911	12	4	9	200
Harbor General Hospital [1-3]	Torrance, Calif.	F. B. Wilkins	1,419	38	5	14	246
University of Colorado Medical Center							
Colorado General Hospital [1-3]	Denver	H. Swan	1,288	77	4	16	160
Denver General Hospital [1-3]	Denver	D. H. Watkins	1,297	105	..	..	157
St. Vincent's Hospital [1-3]	Bridgeport, Conn.	W. H. Curley, Jr.	6,139	45	2	8	300
Hartford Hospital [1-3-68]	Hartford, Conn.	P. G. McLellan	5,654	47	9	23	100
New Britain General Hospital [1-3]	New Britain, Conn.	B. B. Clark	4,918	48	1	4	200
Grace-New Haven Community Hospital [1-3-68]	New Haven, Conn.	G. E. Lindskog-C. C. Bishop	3,954	56	4	17	50
Delaware Hospital [1-3]	Wilmington, Del.	C. L. Munson	4,777	77	2	5	180
Memorial Hospital [1-3]	Wilmington, Del.	J. C. Pierson	3,751	27	1	4	185
Central Dispensary and							
Emergency Hospital [1-3-78-462]	Washington, D. C.	C. D. Briggs	3,574	33	4	10	225
District of Columbia General Hospital [1-3]	Washington, D. C.	B. Blades-R. Coffey	1,450	24	2	8	153
Garfield Memorial Hospital [1-3-462]	Washington, D. C.	W. W. Chase	4,372	45	1	6	210
Georgetown University Hospital	Washington, D. C.	R. J. Coffey	3,527	50	14	27	100
George Washington University Hospital [1-3-80]	Washington, D. C.	B. Blades	7,206	59	5	11	150
Providence Hospital [1-3]	Washington, D. C.	P. Caulfield	1,739	11	2	8	300
Duval Medical Center [1-3]	Jacksonville, Fla.	K. A. Morris	2,633	46	4	9	150
Jackson Memorial Hospital [1-3]	Miami, Fla.	J. J. Farrell	5,118	93	7	17	75
Grady Memorial Hospital [1]	Atlanta, Ga.	J. M. Howard	4,393	85	12	29	20
Piedmont Hospital [1]	Atlanta, Ga.	F. W. McRae	3,057	22	1	4	235
Medical College of Georgia Medical Center							
Eugene Talmadge Memorial Hospital	Augusta, Ga.	.....	.....	...	..	...	...
University Hospital [1]	Augusta, Ga.	J. H. Sherman	2,216	14	12	33	200
Veterans Admin. Hospital [1-3]	Augusta, Ga.	C. M. Rhode	920	28	2	6	...
Emory University Hospital	Emory University, Ga.	J. D. Martin, Jr.	4,633	27	6	7	190
Cook County Hospital [1-3]	Chicago	K. A. Meyer	13,191	168	9	36	75
Mount Sinai Hospital [1-3]	Chicago	J. M. Greene	3,894	23	2	5	100
Northwestern University Medical Center							
Chicago Wesley Memorial Hospital [1-3]	Chicago	W. G. Maddock	3,128	31	4	7	75
Passavant Memorial Hospital	Chicago	L. Davis	1,893	18	2	5	50
Veterans Administration Research Hospital	Chicago	(See listing of Veterans Admin. Research Hospital on page 381)					
Evanston Hospital	Evanston, Ill.	(See listing of Evanston Hospital in following section)					
Presbyterian Hospital [1-109]	Chicago	E. J. Beattie, Jr.	2,615	35	4	12	125
St. Luke's Hospital [1-3]	Chicago	J. L. Lindquist	2,641	31	8	16	75
University of Chicago Clinics [1-3]	Chicago	L. R. Dragstedt	2,618	135	5	18	200
University of Illinois							
Research and Educational Hospitals [1-3]	Chicago	W. H. Cole	1,744	70	5	14	125
St. Francis Hospital [1]	Evanston, Ill.	D. P. Slaughter	3,661	41	3	9	175
Indianapolis General Hospital [1-3]	Indianapolis	J. Leffel	1,580	22	3	9	205
Indiana University Medical Center [1-123]	Indianapolis	H. B. Shumacker, Jr.	1,081	52	5	14	165
Iowa Methodist Hospital [1-3-124]	Des Moines, Iowa	R. A. Dorner	3,873	24	2	8	175
State University of Iowa Hospitals [1-3]	Iowa City	R. T. Tidrick	2,811	147	8	22	140
University of Kansas Medical Center [1-3]	Kansas City, Kan.	F. Allbritten	1,261	64	6	20	125
Louisville General Hospital [1-3-137]	Louisville, Ky.	R. J. Noer	1,886	48	6	19	83
Charity Hospital of Louisiana							
Independent Unit [1]	New Orleans	L. J. O'Neil	2,066	48	3	9	100
Louisiana State University Unit [1-141]	New Orleans	J. D. Rives	2,964	62	6	24	100
Tulane University Unit [1-415-416]	New Orleans	A. Ochsner	2,951	77	6	22	100
Confederate Memorial Medical Center [1]	Shreveport	P. D. Abramson	2,969	39	6	16	125
Maine General Hospital [1]	Portland, Maine	J. M. Parker	1,814	17	2	8	100
Baltimore City Hospitals [1-3]	Baltimore	M. M. Ravitch	2,310	74	6	18	50
Church Home and Hospital [1-3]	Baltimore	C. R. Edwards	3,573	25	4	9	200
Franklin Square Hospital [1-3]	Baltimore	H. E. Wilgis	2,539	17	3	6	225
Johns Hopkins Hospital [1-3-152]	Baltimore	A. Blalock	3,263	81	9	11	25
Mercy Hospital [1-3]	Baltimore	D. Pessagno	2,975	37	2	6	275
Sinai Hospital [1-3]	Baltimore	A. M. Seligman	2,939	32	4	11	110
Union Memorial Hospital [1-3]	Baltimore	E. S. Stafford	5,075	43	4	8	215
University Hospital [1-3]	Baltimore	R. W. Buxton	2,576	34	15	28	75
Beth Israel Hospital [1-3-164]	Boston	J. Fine	3,743	45	5	14	42
Boston City Hospital [1-3]	Boston	.....	.....	...	24	69	112
I Surgical Service	Boston	C. G. Child	2,384	56	..	....	....
III Surgical Service	Boston	J. J. Byrne	2,413	53	..	....	....
V Surgical Service	Boston	J. E. Dunphy	2,281	59	..	....	....
Carney Hospital [1-3-168]	Boston	J. J. Todd	4,556	38	4	10	150
Massachusetts General Hospital [1-3-170]	Boston	E. D. Churchill	10,471	...	8	25	67
Massachusetts Memorial Hospitals [1-3-178]	Boston	R. Smithwick	1,800	32	6	29	25
New England Center Hospital [1-3-180]	Boston	A. A. Thibodeau	1,610	31	4	13	100
Peter Bent Brigham Hospital [1-3-182]	Boston	F. D. Moore	3,266	93	6	20	25
St. Elizabeth's Hospital [1-3-186]	Boston	J. W. Spellman	5,141	40	3	9	125
Cambridge City Hospital [1]	Cambridge, Mass.	J. B. Vernaglia	2,182	33	1	4	125
Springfield Hospital [1-3]	Springfield, Mass.	W. Fenn	6,684	79	6	14	150

Numerical and other references will be found on pages 387 through 390.

26. SURGERY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [5]	Total Residencies Offered [6]	Beginning Stipend (Month)
Memorial Hospital [1-3]	Worcester, Mass.	B. C. Wheeler	3,989	33	2	6	200
St. Vincent Hospital [1-3]	Worcester, Mass.	J. C. McCann	6,261	52	4	7	175
Worcester City Hospital [1-3]	Worcester, Mass.	E. J. Croce	2,227	37	2	6	215
St. Joseph Mercy Hospital [1-3]	Ann Arbor, Mich.	E. T. Thieme	1,510	12	4	7	250
University Hospital [1-3-458]	Ann Arbor, Mich.	F. A. Coller	2,399	81	8	25	154
Grace Hospital [1-3-197]	Detroit	R. P. Reynolds	8,207	52	4	16	275
Harper Hospital [1-3-191]	Detroit	E. A. Osius	3,952	46	12	22	225
Henry Ford Hospital [1-3]	Detroit	L. S. Fallis	5,062	130	20	56	225
Receiving Hospital [1-3-202]	Detroit	C. G. Johnston	4,259	125	6	22	260
Wayne County General Hospital and Infirmary [1-3]	Eloise, Mich.	L. E. Lee, Jr.	3,235	101	8	24	306
Hurley Hospital [1-3]	Flint, Mich.	A. H. Kretchmar	4,640	65	2	8	325
Butterworth Hospital [1-3]	Grand Rapids, Mich.	H. M. Andre	3,335	48	3	8	225
Highland Park General Hospital [1]	Highland Park, Mich.	J. A. Witter	1,427	28	2	8	308
Minneapolis General Hospital [1-3]	Minneapolis	O. J. Campbell	943	76	6	14	185
University of Minnesota Hospitals [1-3-213]	Minneapolis	O. H. Wangensteen	1,776	92	9	29	185
Mayo Foundation [1]	Rochester, Minn.	.....	12,638	140	35	142	150
Ancker Hospital [1-3]	St. Paul, Minn.	J. M. Culligen	1,688	85	2	8	185
University Hospitals [1]	Jackson, Miss.	J. D. Hardy	.....	...	..	...	...
Kansas City General Hospital No. 1 [1-3]	Kansas City Mo.	R. R. Coffey	1,084	42	2	8	150
Barnes Hospital [1-3]	St. Louis	C. A. Moyer	2,843	71	23	26	50
Homer G. Phillips Hospital [1-3]	St. Louis	R. Elman	2,777	66	10	22	190
Jewish Hospital [1-3-222]	St. Louis	M. D. Pareira	2,950	29	3	8	100
Missouri Pacific Hospital [3]	St. Louis	R. A. Weir	1,779	15	5	11	200
St. Louis City Hospital [1-3]	St. Louis	.....	3,235	71	4	15	190
St. Luke's Hospital [1-3]	St. Louis	C. E. Lischer	2,876	39	2	5	250
St. Mary's Group of Hospitals [1-3-226]	St. Louis	C. R. Hanlon	2,746	57	4	13	100
Creighton Memorial-St. Joseph's Hospital [1]	Omaha	H. H. McCarthy	4,328	45	3	12	175
University of Nebraska Hospital [1-3-235-236]	Omaha	M. M. Musselman	524	22	2	8	175
Dartmouth Medical Center		.....	2,228	34	5	17	188
Mary Hitchcock Memorial Hospital [1-3]	Hanover, N. H.	R. E. Weismann	.....	...	..	..	...
Veterans Admin. Hospital [1-3]	White River Jct., Vt.	W. B. Crandall	.....	...	..	..	...
Albany Hospital [1-3]	Albany, N. Y.	E. H. Campbell	3,201	69	4	11	160
Coney Island Hospital [1-3]	Brooklyn, N. Y.	J. E. Hammett	3,291	55	..	..	105
Jewish Hospital [1-3]	Brooklyn, N. Y.	L. Berger	2,884	13	6	9	100
Kings County Hospital							
County Service [1]	Brooklyn, N. Y.	J. F. Rayeroft	4,202	73	5	14	104
University Service [1]	Brooklyn, N. Y.	C. Dennis	3,953	71	5	14	104
Long Island College Hospital [1-3]	Brooklyn, N. Y.	E. J. Browder	2,413	18	2	5	150
Maimonides Hospital [1-3]	Brooklyn, N. Y.	A. Hurwitz	2,620	20	5	9	75
Methodist Hospital [1-3]	Brooklyn, N. Y.	A. J. Vosseler	2,126	29	2	5	175
Wyckoff Heights Hospital [1-3-255]	Brooklyn, N. Y.	P. Zoller	2,454	18	3	12	100
Allied Hospitals of the Sisters of Charity [1-3]	Buffalo	F. M. Zaepfel	10,171	110	2	8	230
Buffalo General Hospital [1-3-260]	Buffalo	J. R. Paine	3,102	34	3	14	175
Edward J. Meyer Memorial Hospital [1-262]	Buffalo	J. D. Stewart	1,677	50	2	10	248
Millard Fillmore Hospital	Buffalo	H. N. Kenwell	5,051	20	2	8	285
Mary Imogene Bassett Hospital [1-3]	Cooperstown, N. Y.	J. H. Powers	1,387	16	2	5	145
Flushing Hospital and Dispensary [1-3]	Flushing, N. Y.	C. N. Baker	4,834	24	1	4	175
Queens Hospital Center [1-3]	Jamaica, N. Y.	L. J. Morse	4,246	158	4	10	105
Long Island Jewish Hospital	New Hyde Park, N. Y.	P. E. Lear	3,042	34	2	5	75
Bellevue Hospital Center							
Div. I—Columbia University [1-3-285]	New York City	K. M. Lewis, Sr.	1,812	21	6	13	105
Div. II—Cornell University [1-3-271]	New York City	C. W. Holman	1,787	20	3	15	105
Div. III—New York University College of Medicine [1-3-275]	New York City	J. Mulholland	2,709	24	8	19	105
Div. IV—New York University Post Graduate Medical School [1-3-282]	New York City	J. W. Hinton	2,250	24	2	10	105
Beth Israel Hospital [1-3-209]	New York City	L. Ginzburg	2,153	21	2	4	140
Bronx Municipal Hospital Center	New York City	C. B. Ripstein	123	4	6	18	105
Harlem Hospital [1-3]	New York City	A. D. Maynard	1,211	22	4	12	105
Lenox Hill Hospital [1-3]	New York City	F. M. Donehue-H. C. Maier	3,216	27	2	8	180
Lincoln Hospital [1-3]	New York City	F. H. Amendola	2,617	24	4	10	105
Montefiore Hospital [1-3-292]	New York City	E. Hurwitt	2,743	44	4	11	75
Mount Sinai Hospital [1-3]	New York City	J. H. Garlock	4,747	60	10	17	50
New York Hospital [1-3-294]	New York City	F. Glenn	4,725	61	8	29	116.67
New York Medical College-Metropolitan Medical Center							
Flower and Fifth Avenue Hospitals [1-3]	New York City	J. M. Winfield	4,634	34	6	7	...
Metropolitan Hospital [1-3]	New York City	J. M. Winfield	1,595	40	2	8	105
New York Polyclinic Medical School and Hospital [1-3]	New York City	R. E. Brennan	3,759	38	3	12	100
Presbyterian Hospital [1]	New York City	G. H. Humphreys, II	4,453	67	8	26	250
Roosevelt Hospital [1-3]	New York City	.....	3,715	35	6	18	133
St. Clare's Hospital [1-3]	New York City	J. L. Madden	3,618	43	2	8	200
St. Luke's Hospital [1-3]	New York City	H. A. Zintel	3,596	54	4	10	100
St. Vincent's Hospital [1-3]	New York City	L. M. Rousselot	6,087	98	6	16	125
Genesee Hospital [1-3]	Rochester, N. Y.	E. Douglas	3,382	48	2	7	150
Rochester General Hospital [1-3-310]	Rochester, N. Y.	D. C. Houghton	3,604	35	3	12	125
St. Mary's Hospital [1-3]	Rochester, N. Y.	N. J. Pfaff	6,840	13	2	8	200
Strong Memorial-Rochester Municipal Hospital [1-3-311]	Rochester, N. Y.	W. J. M. Scott	2,939	120	8	25	92
State University of New York Upstate Medical Center Hospitals [1-3]	Syracuse, N. Y.	R. O. Gregg	11,823	169	10	21	192
Grasslands Hospital [1-3]	Valhalla, N. Y.	G. C. Adie	653	35	2	5	175
North Carolina Memorial Hospital [1-3]	Chapel Hill, N. C.	N. A. Womack	705	16	8	22	156
Duke University Hospital [1-3-323-324]	Durham, N. C.	D. Hart	2,171	23	12	22	127
North Carolina Baptist Hospital [1-3-325]	Winston-Salem, N. C.	H. H. Bradshaw	1,790	21	5	18	125
Akron City Hospital [1-3-327]	Akron, Ohio	S. A. Schlueter	8,233	73	6	13	250
Akron General Hospital [1-327]	Akron, Ohio	R. T. Allison	4,598	23	4	13	250
St. Thomas Hospital [1-3]	Akron, Ohio	R. M. Bartlett	3,652	19	3	8	250
Cincinnati General Hospital [1-3-331]	Cincinnati	W. A. Altemeier	2,620	80	10	33	50
City Hospital [1-3]	Cleveland	F. A. Simeone	1,789	49	9	21	150
Cleveland Clinic Hospital [1-3]	Cleveland	R. S. Dinsmore	7,095	44	8	22	175
Lutheran Hospital [1-3]	Cleveland	J. H. Lazzari	5,782	27	2	5	250
Mount Sinai Hospital [1-3-338]	Cleveland	S. O. Freedlander	2,580	32	5	11	215
St. John's Hospital [1-3]	Cleveland	F. T. Gallagher	2,052	8	2	6	170
St. Luke's Hospital [1-3]	Cleveland	D. M. Glover	3,745	55	2	8	120
St. Vincent Charity Hospital [1-3]	Cleveland	F. Vecchio	6,308	64	4	11	210
University Hospitals [1-3]	Cleveland	W. D. Holden	4,843	82	9	23	125
Ohio State University Hospitals							
University Hospital [1-3]	Columbus, Ohio	R. M. Zollinger	4,251	102	5	24	152
Lakewood Hospital [1-3]	Lakewood, Ohio	N. W. Thiessen	4,298	15	4	9	200
St. Elizabeth Hospital [1]	Youngstown, Ohio	A. Phillips	1,812	14	3	9	300
University of Oklahoma Hospitals [1-3-355]	Oklahoma City	F. M. Lingenfelter	1,392	32	3	12	85
St. Vincent's Hospital [1-3-358]	Portland, Ore.	A. Boyden	5,788	34	2	8	275
University of Oregon Medical School Hospitals and Clinics [360]	Portland, Ore.	W. K. Livingston	1,434	71	2	8	100
Abington Memorial Hospital [1-3]	Abington, Pa.	C. M. Smyth	2,519	41	1	4	150

Numerical and other references will be found on pages 387 through 390.

26. SURGERY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [5]	Total Residencies Offered [5]	Beginning Stipend (Month)
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	H. L. Foss	1,959	21	1	4	175
Harrisburg Hospital [1-3]	Harrisburg, Pa.	C. E. Moore	3,453	51	2	5	250
Germantown Dispensary and Hospital [1-3-370]	Philadelphia	S. D. Weeder	3,124	34	1	4	150
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	H. R. Hawthorne	1,440	16	2	4	...
Hahnemann Medical College and Hospital [3]	Philadelphia	W. L. Martin	2,801	34	3	12	75
Hospital of the University of Pennsylvania [1-3]	Philadelphia	I. S. Ravdin	5,111	104	10	29	125
Hospital of the Woman's Medical College of Pennsylvania [1-3]	Philadelphia	L. K. Ferguson	1,425	10	1	4	110
Jefferson Medical College Hospital [1-3]	Philadelphia	T. A. Shallow-J. Gibbon, Jr.	3,217	64	8	19	50
Lankenau Hospital [1-3]	Philadelphia	J. M. Deaver-G. C. Engel	2,218	19	2	8	100
Pennsylvania Hospital [1-3]	Philadelphia	J. W. Raker	1,634	33	12	12	90
Temple University Hospital [1-3]	Philadelphia	W. E. Burnett	2,393	58	..	..	...
Allegheny General Hospital [1]	Pittsburgh	J. A. Heberling	6,160	71	1	4	200
Mercy Hospital [1-3]	Pittsburgh	H. G. Kuehner	3,563	30	4	16	175
Pittsburgh Medical Center	Pittsburgh	S. P. Harbison	1,613	22	4	11	125
Western Pennsylvania Hospital [1-3]	Pittsburgh	G. V. Foster	6,995	94	5	12	225
Robert Packer Hospital [1-3]	Sayre, Pa.	D. Guthrie	2,491	39	2	6	200
York Hospital	York, Pa.	J. F. Bacon	5,916	32	1	4	225
Rhode Island Hospital [1-3]	Providence, R. I.	J. M. Beardsley	4,728	60	3	9	100
Roper Hospital [1-3]	Charleston, S. C.	F. E. Kredel	2,786	43	6	13	138
Greenville General Hospital [1-3]	Greenville, S. C.	L. C. Meyer	5,340	33	1	4	200
Baptist Memorial Hospital [1-3-389]	Memphis, Tenn.	R. M. Miles	4,071	30	2	7	150
City of Memphis Hospitals [1-3]	Memphis, Tenn.	H. Wilson	2,625	25	2	8	100
George W. Hubbard Hospital [1-3]	Nashville, Tenn.	M. Walker	998	15	3	12	125
Vanderbilt University Hospital [1-3]	Nashville, Tenn.	H. W. Scott	2,684	37	4	14	50
Baylor University Hospital [1-3]	Dallas, Texas	J. W. Duckett	3,577	18	3	9	160
Parkland Memorial Hospital [1-3]	Dallas, Texas	B. Wilson	1,481	34	7	16	50
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	R. M. Moore	1,755	40	6	18	160
Baylor University College of Medicine Affiliated Hospitals							
Jefferson Davis Hospital [1-3]	Houston, Texas	M. E. De Bakey	1,728	70	6	16	150
Methodist Hospital [1-3]	Houston, Texas	L. L. D. Tuttle	2,820	40	2	4	220
Veterans Admin. Hospital [1-3]	Houston, Texas	G. L. Jordon, Jr.	1,916	56	6	15	...
Salt Lake County General Hospital	Salt Lake City	R. Richards	827	31	3	12	150
University of Vermont Affiliated Hospitals							
De Goesbriand Memorial Hospital [1-3]	Burlington, Vt.	A. A. Gladstone	1,050	15	1	3	100
Mary Fletcher Hospital [1-3-412]	Burlington, Vt.	A. G. MacKay	1,056	13	2	8	100
University of Virginia Hospital [1-3]	Charlottesville, Va.	W. H. Muller, Jr.	2,127	20	7	17	50
Chesapeake and Ohio Hospital [1-3]	Clifton Forge, Va.	J. M. Emmett	4,992	23	4	10	200
Norfolk General Hospital [1-3]	Norfolk, Va.	R. L. Payne, Jr.	2,476	33	4	8	185
Medical College of Virginia-Hospital Division [1-3-415-416]	Richmond, Va.	C. Williams, Sr.	5,008	64	5	23	50
King County Hospital Unit No. 1 (Harborview) [1-422-424]	Seattle	H. N. Harkins	1,721	82	6	11	125
Virginia Mason Hospital [1-3]	Seattle	J. W. Baker	4,462	54	3	11	150
University Hospitals [1-3-426]	Madison, Wis.	E. R. Schmidt	2,383	87	4	16	175
Milwaukee County Hospital [1-3]	Milwaukee	J. M. King	4,955	59	8	20	207
Milwaukee Hospital [1-3-430-435]	Milwaukee	I. Schulz	2,697	22	2	7	195
San Juan City Hospital [1-3]	San Juan, P. R.	J. Noya Benitez	1,244	19	2	8	150

Residencies programs in the following services have been approved for THREE years of training by the Council, the American Board of Surgery and the American College of Surgeons through the Conference Committee on Graduate Training in Surgery. (See additional lists of approved four year and affiliated services, pages 376 through 379, 381 and 382.)

Hospitals, 218; Assistant Residencies and Residencies, 1,331

FEDERAL

UNITED STATES ARMY

William Beaumont Army Hospital	El Paso, Texas	G. F. Peer	2,505	10	2	2	...

UNITED STATES NAVY

U. S. Naval Hospital [1-3]	Great Lakes, Ill.	H. H. Eighmy	2,037	5	1	3	...

UNITED STATES PUBLIC HEALTH SERVICE

U. S. Public Health Service Hospital [1-3]	New Orleans	J. L. Elliott	2,775	16	1	3	...
U. S. Public Health Service Hospital [1-3]	Baltimore	H. D. Fishburn	2,778	57	2	6	...
U. S. Public Health Service Hospital [1-3]	Boston	O. C. Williams	3,464	9	1	3	...
U. S. Public Health Service Hospital [1-3]	Staten Island, N. Y.	J. D. Lane, Jr.	3,783	28	..	..	...
U. S. Public Health Service Hospital [1]	Seattle	P. E. Walker	2,621	20	2	6	...

VETERANS ADMINISTRATION

Veterans Admin. Hospital [1-3-15]	Tuskegee, Ala.	A. G. Yancey	1,415	26	3	8	...
Veterans Admin. West Side Hospital [1-3-109]	Chicago	M. I. Gibbel	2,073	35	6	18	...
Veterans Admin. Hospital [1-3-283]	Lincoln, Neb.	B. R. Walske	1,852	15	2	6	...
Veterans Admin. Hospital [1-3-242]	East Orange, N. J.	A. H. Levy	855	27	3	12	...
Veterans Admin. Hospital [1-3-382]	Providence, R. I.	P. Cooper	2,270	44	4	10	...
Veterans Admin. Hospital [3]	Columbia, S. C.	K. M. Lippert	1,374	22	1	3	...
Veterans Admin. Hospital [1-3]	Martinsburg, W. Va.	I. Harrison	1,396	31	4	7	...
Veterans Admin. Hospital [1-3]	San Juan, P. R.	L. A. Passalacqua	1,761	7	2	6	...

NONFEDERAL

Carraway Methodist Hospital [1-3]	Birmingham, Ala.	C. N. Carraway-B. Carraway	879	14	2	6	250
Mobile County Hospital [1-3]	Mobile, Ala.	E. B. Frazer	843	18	2	4	250
Kern General Hospital [1]	Bakersfield, Calif.	R. F. Foote	1,212	40	4	8	325
Herrick Memorial Hospital [1-3]	Berkeley, Calif.	L. E. Brown	3,840	24	1	3	175
San Joaquin General Hospital	French Camp, Calif.	W. Brock	922	16	3	7	200
Glendale Sanitarium and Hospital [1]	Glendale, Calif.	J. Janzen	3,163	28	1	3	200
California Hospital	Los Angeles	W. H. Olds	2,427	22	7	19	150
Cedars of Lebanon Hospital [1-3]	Los Angeles	D. State	4,651	36	4	8	175
Hospital of the Good Samaritan [1-3]	Los Angeles	K. W. Blake	2,968	14	2	6	200
Queen of Angels Hospital [1-3]	Los Angeles	H. J. Lange	3,742	47	1	4	175
St. Vincent's Hospital [3]	Los Angeles	L. C. Bennett	3,768	8	1	3	200
White Memorial Hospital [1-3-28]	Los Angeles	A. I. Kugel	1,330	25	1	4	151
Mercy Hospital [1]	San Diego, Calif.	J. J. O'Hara	8,388	23	2	5	200
San Diego County General Hospital [1-3]	San Diego, Calif.	G. C. Franklin	971	33	4	7	150
St. Joseph's Hospital [1-3]	San Francisco	T. P. Shomaker	2,552	19	1	3	200
St. Luke's Hospital [1-3]	San Francisco	G. D. Delprat	4,692	19	3	5	200
St. Mary's Hospital [1-3]	San Francisco	T. J. Whalen	4,137	18	3	6	...
Southern Pacific General Hospital [1-3]	San Francisco	V. M. Strange	2,381	6	4	9	175
Mercy Hospital [1-3]	Denver	H. Buchtel	5,912	19	3	6	225
Presbyterian Hospital [1-3-53]	Denver	K. C. Sawyer	1,429	5	1	3	225
St. Anthony Hospital [1-3]	Denver	J. A. Pollice	1,450	7	1	3	175
St. Joseph's Hospital [1-3]	Denver	G. B. Packard	2,045	14	2	5	200
St. Luke's Hospital [1-3-54]	Denver	G. Wallgast	7,305	40	2	6	225

Numerical and other references will be found on pages 387 through 390.

26. SURGERY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Beginning Stipend (Month)
Bridgeport Hospital [1-3]	Bridgeport, Conn.	I. L. Harshbarger	3,564	37	1	4	275
St. Francis Hospital [1-3]	Hartford, Conn.	L. A. St. John	4,090	37	2	4	125
Hospital of St. Raphael [3]	New Haven, Conn.	O. Pellicci	3,586	35	4	11	125
St. Mary's Hospital [1-3]	Waterbury, Conn.	J. F. Burke	2,364	32	2	5	225
Waterbury Hospital [1]	Waterbury, Conn.	A. E. Herrmann	3,565	63	1	4	225
Doctors Hospital [1-3]	Washington, D. C.	C. S. White	4,386	48	1	3	150
St. Vincent's Hospital [1-3-87]	Jacksonville, Fla.	F. Waas	4,001	51	5	9	225
Mount Sinai Hospital of Greater Miami [1-3]	Miami Beach, Fla.	R. M. Fleming	3,961	50	1	3	250
Tampa Municipal Hospital [1-3]	Tampa, Fla.	W. C. Myers, Jr.	6,022	71	1	3	250
Crawford W. Long Memorial Hospital [1-3]	Atlanta, Ga.	C. E. Holloway	5,468	31	6	10	110
Georgia Baptist Hospital [1]	Atlanta, Ga.	W. S. Dorough	8,752	33	2	7	290
St. Joseph's Infirmary [1-3]	Atlanta, Ga.	D. Shepard	4,318	39	1	7	165
American Hospital [1-3]	Chicago	M. Thorek-P. Thorek	2,255	32	5	5	65
Augustana Hospital [1-3]	Chicago	N. M. Percy	3,352	49	3	6	150
Grant Hospital [1]	Chicago	C. K. Solander	1,601	13	1	2	225
Illinois Central Hospital [1-3]	Chicago	C. C. Guy	2,115	30	2	4	205
Illinois Masonic Hospital [1-3]	Chicago	P. Shambaugh	1,595	22	1	1	115
Mercy Hospital [1-3-90]	Chicago	H. A. Oberhelman	2,406	41	4	10	100
Michael Reese Hospital [1-3]	Chicago	N. Crohn	2,842	68	2	8	75
Provident Hospital [1-3]	Chicago	G. Shropshear	632	33	1	3	200
St. Joseph Hospital [1-3]	Chicago	F. B. McCarty	2,272	19	1	3	300
St. Mary of Nazareth Hospital [1-3]	Chicago	E. H. Warszewski	3,292	26	3	6	150
Evanston Hospital [1-3]	Evanston, Ill.	J. M. Dorsey	1,469	25	1	3	225
St. Francis Hospital [1-3]	Peoria, Ill.	C. D. Branch	4,219	40	1	3	225
Clinic Hospital [3-122]	Bluffton, Ind.	H. D. Caylor	604	11	1	3	300
Methodist Hospital [1-3]	Indianapolis	J. E. Owen	6,152	56	2	6	278
St. Vincent's Hospital [1-3]	Indianapolis	W. D. Gatch	5,218	49	1	3	275
St. Elizabeth's Hospital [1]	Lafayette, Ind.	R. E. Gery	1,444	17	2	2	225
St. Margaret's Hospital	Kansas City, Kan.	M. V. Laing	5,534	79	1	3	350
Wesley Hospital [1-3]	Wichita, Kan.	B. P. Meeker	1,633	8	1	3	175
St. Joseph Hospital	Lexington Ky.	F. M. Massie	1,676	25	3	8	210
St. Joseph Infirmary [1-3]	Louisville, Ky.	R. Moore, Jr.	6,565	20	2	6	210
Ochsner Foundation Hospital [1-415]	New Orleans	A. Ochsner	1,825	22	7	27	225
Touro Infirmary [1]	New Orleans	L. Strug	4,061	40	2	6	125
Lutheran Hospital [1-3]	Baltimore	W. E. Gilmore	2,457	..	3	6	220
Maryland General Hospital [1-3]	Baltimore	W. M. Firor	3,202	34	5	8	225
Provident Hospital and Free Dispensary [1-3]	Baltimore	S. McLanahan	1,108	8	3	8	150
St. Joseph's Hospital [3]	Baltimore	W. E. Grose	4,872	19	2	6	225
South Baltimore General Hospital [1-3]	Baltimore	G. H. Yeager	2,664	24	4	10	150
Prince George's General Hospital [1-3]	Cheverly, Md.	S. Schwartzbach	3,961	25	2	2	200
Beverly Hospital [103]	Beverly, Mass.	R. E. Alt	2,596	34	2	5	150
Mount Auburn Hospital [1-3]	Cambridge, Mass.	S. J. G. Nowak	3,198	36	1	3	125
Malden Hospital [1-3]	Malden, Mass.	W. E. Garrey	2,435	25	3	6	175
Newton-Wellesley Hospital [1-3]	Newton, Mass.	R. I. Smith	2,348	20	2	4	170
Quincy City Hospital [1-3]	Quincy, Mass.	J. M. McGowan	4,916	26	1	4	163
Leila Y. Post Montgomery Hospital [1-3]	Battle Creek, Mich.	R. L. Mustard	904	10	1	2	275
Alexander Blain Hospital	Detroit	A. Nahoum	1,297	3	2	8	250
Detroit Memorial Hospital [1]	Detroit	E. F. Eidredge	4,340	28	2	4	275
Mount Carmel Mercy Hospital [1-3]	Detroit	T. A. Boutrous	11,312	48	4	13	225
Providence Hospital [1]	Detroit	W. G. Quigley	6,987	44	1	3	275
St. John Hospital [1-3]	Detroit	C. J. France	1,727	3	1	3	275
St. Joseph Mercy Hospital	Detroit	L. B. Saraf	4,179	30	1	3	275
Sinai Hospital [1-3]	Detroit	M. P. Meyers	3,605	28	2	6	275
McLaren General Hospital [1]	Flint, Mich.	E. P. Vary	5,938	33	2	5	325
Blodgett Memorial Hospital [1-3]	Grand Rapids, Mich.	W. R. Torgerson	1,862	30	1	4	250
St. Mary's Hospital [1-3]	Grand Rapids, Mich.	F. Gillett	1,612	11	1	3	200
Bronson Methodist Hospital [1]	Kalamazoo, Mich.	P. F. Cooper	2,757	46	1	5	260
Pontiac General Hospital [1-3]	Pontiac, Mich.	R. W. Bullard, Jr.	5,180	41	1	3	300
Saginaw General Hospital [1-3]	Saginaw, Mich.	H. M. Bishop	3,205	34	1	3	325
Mount Sinai Hospital [1-3]	Minneapolis	M. Binder	1,502	16	1	3	200
St. Barnabas Hospital [1-3]	Minneapolis	B. A. Smith-J. H. Strickler	1,592	8	2	2	235
Mayo Foundation [1]	Rochester, Minn.		12,638	140	35	142	150
Charles T. Miller Hospital [1-3]	St. Paul, Minn.	B. G. Lannin	2,184	40	1	4	185
Mercy Hospital—Street Memorial [1-3]	Vicksburg, Miss.	G. H. Martin	2,791	11	1	3	225
Vicksburg Hospital	Vicksburg, Miss.	W. H. Parsons	1,596	9	1	4	50
St. Louis County Hospital [1-3]	Clayton, Mo.	B. L. Sinner	403	17	3	8	225
Kansas City General Hospital No. 2 [1-3]	Kansas City, Mo.	R. E. Allen	1,024	23	2	6	150
St. Joseph Hospital [1-3]	Kansas City, Mo.	V. T. Williams	7,078	58	1	4	250
St. Luke's Hospital [1-3]	Kansas City, Mo.	I. S. Brown	1,484	13	2	5	175
St. Mary's Hospital [1-3]	Kansas City, Mo.	M. S. Harless	5,420	38	1	3	275
De Paul Hospital [1-3]	St. Louis	J. W. Thompson	4,666	21	2	5	200
Missouri Baptist Hospital [1-3]	St. Louis	D. J. Verda	2,179	37	2	7	175
St. John's Hospital [1-3]	St. Louis	G. T. Gafney	3,218	38	2	5	200
Atlantic City Hospital [1-3]	Atlantic City, N. J.	J. H. Mason, III	4,455	28	1	3	200
Cooper Hospital [1-3]	Camden, N. J.	E. R. Ristine	2,008	59	1	3	200
West Jersey Hospital [1-3]	Camden, N. J.	K. L. Athey	3,966	11	1	3	225
Jersey City Medical Center [1-3]	Jersey City, N. J.	E. J. Halligan	5,131	83	8	27	92
Burlington County Hospital [1]	Mount Holly, N. J.	T. J. Summey	1,670	13	1	3	100
Harrison S. Martland Medical Center [1-3]	Newark, N. J.	C. MacArthur	1,857	39	3	9	162
Hospital of Saint Barnabas and for Women and Children [1-3]	Newark, N. J.	M. J. O'Grady	225	4	1	4	150
Newark Beth Israel Hospital	Newark, N. J.	E. V. Parsonnet	8,631	47	1	4	100
St. Francis Hospital [1-3]	Trenton, N. J.	L. S. Sica	4,618	102	2	5	210
Beth El Hospital [1-3]	Brooklyn, N. Y.	H. Neuhof	3,013	18	3	6	125
Brooklyn Hospital [1-3]	Brooklyn, N. Y.	W. H. Field	3,025	30	4	10	165
Cumberland Hospital [1-3-255]	Brooklyn, N. Y.	J. J. Gainey	1,243	13	3	7	105
Greenpoint Hospital [1-3]	Brooklyn, N. Y.	S. Schusshelm	2,458	15	2	6	105
Norwegian Lutheran Deaconesses' Home and Hospital [1-3]	Brooklyn, N. Y.	R. P. San Filippo	2,100	55	1	3	185
St. Catherine's Hospital [1-3]	Brooklyn, N. Y.	J. McCabe	3,382	17	1	4	150
St. John's Episcopal Hospital [1-3]	Brooklyn, N. Y.	M. N. Foote	2,442	26	1	3	175
Clifton Springs Sanitarium and Clinic [1-3]	Clifton Springs, N. Y.	R. M. Price	1,986	16	1	3	150
Elmhurst General Hospital [1-3-488]	Elmhurst, N. Y.	D. N. Marks	2,093	28	1	3	105
Meadowbrook Hospital	Hempstead, N. Y.	J. N. Shell	2,184	70	4	10	225
Jamaica Hospital [1-3]	Jamaica, N. Y.	E. J. Patterson	3,064	27	1	4	200
Mary Immaculate Hospital [1-3-271]	Jamaica, N. Y.	V. Juster	4,705	43	4	10	160
Charles S. Wilson Memorial Hospital [1-3]	Johnson City, N. Y.	C. Steenburg	4,720	29	3	9	225
Nassau Hospital [3]	Mineola, N. Y.	W. Freese	3,449	20	1	4	225
New Rochelle Hospital [1-3]	New Rochelle, N. Y.	G. C. Adle	6,364	24	1	3	225
Beth David Hospital [1-3]	New York City	L. Breidenbach	2,654	20	1	3	125
Bronx Hospital [1-3]	New York City	R. Friedlander	2,810	25	4	10	60
Fordham Hospital [1-3]	New York City	H. H. Janes-A. B. Sullivan	2,555	50	2	6	105
French Hospital [1-3]	New York City	H. B. Keyes	3,295	13	1	4	50
Morrisania City Hospital [1-3]	New York City	R. J. Azzari	1,068	19	2	6	105
St. Francis Hospital [1-3]	New York City		.....	..	1	4	125

Numerical and other references will be found on pages 387 through 390.

26. SURGERY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [4]	Total Residencies Offered [4]	Beginning Stipend (Month)
Highland Hospital [1-3]	Rochester, N. Y.	H. R. Ziegler	4,153	30	2	5	175
Ellis Hospital [1-3]	Schenectady, N. Y.	S. F. MacMillan	4,402	75	1	4	150
Charlotte Memorial Hospital [1]	Charlotte, N. C.	J. M. Van Hoy	2,041	14	1	4	250
Lincoln Hospital [1-3]	Durham, N. C.	H. M. Schiebel	678	4	2	3	175
Rex Hospital [1]	Raleigh, N. C.	J. W. Neal	2,285	19	1	3	200
City Memorial Hospital [1]	Winston-Salem, N. C.	J. F. Marshall	1,850	8	1	3	300
Aultman Hospital [1-3]	Canton, Ohio	W. R. Farrar	5,402	61	5	12	275
Mercy Hospital [1-3]	Canton, Ohio	L. B. Schumaker	5,716	31	8	18	200
Christ Hospital [1]	Cincinnati	E. A. Kindel	2,643	43	2	5	200
Good Samaritan Hospital [1-3-337]	Cincinnati	R. J. Tapke	2,468	16	2	8	250
Jewish Hospital [1-3-337]	Cincinnati	J. R. Mack	6,099	50	5	12	145
St. Mary's Hospital [1-3]	Cincinnati	R. Mansfield	1,385	15	1	3	250
Evangelical Deaconess Hospital [1-3]	Cleveland	J. H. Lazzari	2,455	21	1	3	150
Huron Road Hospital [1-3]	Cleveland	O. J. Fronck	3,031	42	3	7	210
St. Alexis Hospital [1-3]	Cleveland	C. R. Lulenski	5,623	60	3	8	250
Mount Carmel Hospital [1]	Columbus, Ohio	W. H. Teachnor	5,535	60	1	3	275
White Cross Hospital [1-3]	Columbus, Ohio	E. M. Fusco	4,503	28	2	4	275
Miami Valley Hospital [1-3]	Dayton, Ohio	R. D. Arn	2,630	36	2	6	250
Marymount Hospital [1-3]	Garfield Heights, Ohio	W. E. Mishler	2,680	8	2	6	200
St. Rita's Hospital [1-3]	Lima, Ohio	C. H. Leech	5,773	38	1	3	275
Maumee Valley Hospital [1-3]	Toledo, Ohio	W. W. Beck	556	42	2	6	225
Mercy Hospital [1-3]	Toledo, Ohio	H. L. Hauman	5,376	47	1	4	275
St. Vincent's Hospital [1-3]	Toledo, Ohio	B. G. Shaffer	4,838	35	1	3	275
Youngstown Hospital [1-3]	Youngstown, Ohio	W. K. Allsop	10,085	90	2	8	175
St. Anthony Hospital	Oklahoma City	L. J. Starry	5,680	47	1	3	150
St. John's Hospital [1-3]	Tulsa, Okla.	T. J. Hardman	5,440	39	4	11	175
Allentown Hospital [1-3]	Allentown, Pa.	R. L. Schaeffer	9,102	72	1	3	225
Sacred Heart Hospital [1-3]	Allentown, Pa.	C. A. Holland	5,126	61	1	3	225
St. Luke's Hospital [1]	Bethlehem, Pa.	D. P. Walker	3,819	53	2	4	275
Bryn Mawr Hospital [1-3]	Bryn Mawr, Pa.	F. R. Robbins	3,716	39	1	4	200
Hamot Hospital [1-3]	Erie, Pa.	B. Goldman	5,207	59	1	3	200
St. Vincent's Hospital	Erie, Pa.	J. E. O'Brien	5,316	49	1	3	100
Harrisburg Polyclinic Hospital [1]	Harrisburg, Pa.	W. K. McBride	4,452	45	2	6	300
St. Joseph's Hospital [1]	Lancaster, Pa.	J. L. Atlee, Jr.	3,810	42	1	3	200
Albert Einstein Medical Center							
Northern Division [1-3]	Philadelphia	R. Goldsmith	3,515	75	3	9	150
Southern Division [1]	Philadelphia	A. Ulin	1,916	42	1	3	150
Episcopal Hospital [1-3]	Philadelphia	J. W. Klopp-G. P. Rosemond	1,796	32	2	6	150
Methodist Episcopal Hospital [1-3]	Philadelphia	G. Willauer	1,852	14	1	4	150
Philadelphia General Hospital [1-3]	Philadelphia	G. Rosemond	2,677	110	7	7	114
Presbyterian Hospital [1-3]	Philadelphia	F. A. Bothe	2,996	52	2	6	150
Woman's Hospital [1-3]	Philadelphia	C. M. Smyth, Jr.	1,267	...	1	1	175
Montefiore Hospital [1-3]	Pittsburgh	Y. D. Koskoff	5,431	44	1	3	225
St. Francis General Hospital and Rehabilitation Institute [1]	Pittsburgh	H. E. Feather	3,202	19	1	4	200
Reading Hospital [1-3]	Reading, Pa.	C. B. Rentschler	1,658	23	1	3	225
St. Joseph's Hospital [1-3]	Reading, Pa.	R. R. Impink	1,274	19	1	4	250
Williamsport Hospital [1-3]	Williamsport, Pa.	F. E. Sanford	2,518	17	1	3	225
Columbia Hospital of Richland County	Columbia, S. C.	G. T. McCutchen	3,384	34	1	3	175
Sacred Heart Hospital [1]	Yankton, S. Dak.	C. B. McVay	2,081	20	1	4	300
Baroness Erlanger Hospital [1-3]	Chattanooga, Tenn.	V. Fletcher	2,677	19	8	14	150
Methodist Hospital	Memphis, Tenn.	J. M. Aste	7,593	36	2	6	150
St. Joseph Hospital [1-3-390]	Memphis, Tenn.	A. J. Grobmyer	1,425	11	1	5	150
Baptist Hospital [1-3]	Nashville, Tenn.	J. Kirtley	1,711	6	4	10	175
Nashville General Hospital [1-3]	Nashville, Tenn.	O. F. Noel	1,524	14	3	8	150
St. Thomas Hospital [1-3]	Nashville, Tenn.	W. R. Cate, Jr.	4,772	23	2	8	200
Brackenridge Hospital [1-3-391]	Austin, Texas	R. Ross	1,650	29	1	4	200
Methodist Hospital [1-3]	Dallas, Texas	B. E. Park	2,976	12	3	7	125
Hermann Hospital [1-3]	Houston, Texas	G. Waldron	4,993	33	1	6	100
St. Joseph's Hospital [1-404]	Houston, Texas	J. P. Barnes	4,189	32	1	4	225
Robert B. Green Memorial Hospital [1-3-407]	San Antonio, Texas	A. W. Hartman-A. R. McComb	2,421	46	4	10	150
Dr. W. H. Groes Latter-Day Saints Hospital [3]	Salt Lake City	V. L. Rees	5,120	39	2	8	200
De Paul Hospital [1-3]	Norfolk, Va.	J. Vann	2,661	18	1	3	200
Johnston-Willis Hospital [1-3]	Richmond, Va.	F. S. Johns	3,515	3	1	3	250
Jefferson Hospital [1-3]	Roanoke, Va.	H. H. Trout, Jr.	986	12	2	4	200
Swedish Hospital [1-3]	Seattle	E. B. Speir	2,278	2	1	3	150
Beckley Hospital [1-3]	Beckley, W. Va.	H. F. Cooper	2,828	15	1	4	250
Charleston General Hospital [1-3]	Charleston, W. Va.	V. Skaff	2,783	17	2	8	225
Kanawha Valley Hospital [3]	Charleston, W. Va.	J. C. Condry	951	...	1	3	200
Memorial Hospital [1-3]	Charleston, W. Va.	B. Bradford, Jr.	1,677	15	2	5	225
St. Marys Hospital [1-3]	Huntington, W. Va.	F. L. Coffey	2,123	13	2	4	200
Broaddus Hospital [1-3]	Philippi, W. Va.	H. C. Myers	1,248	52	1	3	200
Ohio Valley General Hospital [1-3]	Wheeling, W. Va.	J. O. Rankin	3,486	24	1	3	300
Madison General Hospital [1-3]	Madison, Wis.	S. B. Harper	3,836	26	1	4	150
Columbia Hospital [1-3-434]	Milwaukee	F. Raine	1,195	7	2	4	195
St. Joseph's Hospital [1-3]	Milwaukee	C. Conroy	6,086	68	2	6	300
Gorgas Hospital [1]	Ancon, Canal Zone	E. P. Shirokov	2,707	25	2	6	345
Queen's Hospital [1]	Honolulu, T. H.	J. E. Strode	2,547	21	2	7	150
Bayamon District Hospital [1-3]	Bayamon, P. R.	J. M. Bertran	1,500	81	1	3	150

Residency programs in the following hospitals approved by the Council, the American Board of Surgery and the American College of Surgeons through the Conference Committee on Graduate Training in Surgery, offer training in surgery of less than three years' duration, which is integrated with or contributory to a fully approved program.

(See also additional lists of approved four and three year services, pages 376 through 381.)

Hospitals, 40; Assistant Residencies and Residencies, 153

FEDERAL

VETERANS ADMINISTRATION

Veterans Admin. Research Hospital [1]	Chicago	F. W. Preston	810	68	6	12	...
Veterans Admin. Hospital [1-3]	Wichita, Kan.	A. H. Hinshaw	1,495	42	1	4	...
Veterans Admin. Hospital [1-3]	Durham, N. C.	R. W. Postlethwait	974	17	4	7	...

NONFEDERAL

Samuel Merritt Hospital [1-42]	Oakland, Calif.	A. J. Hunnicutt	2,792	20	..	2	195
Children's Hospital [1-3]	San Francisco	F. C. Bost	1,013	4	1	2	125
French Hospital [1-3]	San Francisco	W. L. Rogers	2,824	22	2	3	150
Community Hospital of San Mateo County	San Mateo, Calif.	K. H. Prindle	424	16	1	2	500
Santa Barbara General Hospital	Santa Barbara, Calif.	R. J. Rhorer	280	....	..	..	....
Children's Hospital [1-3]	Denver	C. G. Freed	1,186	32	..	2	150
Children's Memorial Hospital [1-3]	Chicago	W. J. Potts	2,236	30	..	2	125
Henrotin Hospital [1]	Chicago	C. B. Puestow	1,309	19	1	1	200
Broadlawns—Polk County Hospital [1]	Des Moines, Iowa	W. H. Myerly	868	24	..	2	150

Numerical and other references will be found on pages 387 through 390.

26. SURGERY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Beginning Stipend (Month)
Norton Memorial Infirmary [1-3]	Louisville, Ky.	J. E. Maurer	1,826	18	3	5	260
Lafayette Charity Hospital [1]	Lafayette, La.	J. D. Rives	1,032	13	2	2	450
Lawrence F. Quigley Memorial Hospital [1-3]	Chelsea, Mass.	H. H. Howard	1,097	21	..	4	255
Truesdale Hospital [1-3]	Fall River, Mass.	C. H. Hawes	2,136	...	4	4	150
Lynn Hospital [1-3]	Lynn, Mass.	C. F. Twomey	1,342	27	2	2	150
Salem Hospital [1-3]	Salem, Mass.	W. G. Phippen	1,352	9	1	1	125
Pondville Hospital [1]	Walpole, Mass.	E. M. Daland	.....	...	..	4	490
Westfield State Sanatorium [1-3]	Westfield, Mass.	F. S. Hopkins	715	32	..	3	490
Ellis Fischel State Cancer Hospital [1-3]	Columbia, Mo.	N. D. Rodes	1,340	43	..	6	200
Francis Delafield Hospital [1-3]	New York City	G. H. Humphreys, II	732	87	4	14	105
Goldwater Memorial Hospital [1-3-269]	New York City	B. Shafiroff	433	11	2	8	104
Gouverneur Hospital [1-3]	New York City	.....	631	11	9	9	105
Knickerbocker Hospital [1-3]	New York City	R. H. Patterson	2,837	16	9	9	100
United Hospital [1-3]	Port Chester, N. Y.	G. O. Tremble	3,096	38	2	2	200
Mary Day Nursery and Children's Hospital [1-3]	Akron, Ohio	R. T. Allison	1,686	12	2	6	250
Children's Hospital [1]	Cincinnati	W. A. Altemeier	1,568	21	..	..	...
Children's Hospital [1-3]	Columbus, Ohio	H. W. Clatworthy	1,452	20	..	2	175
Good Samaritan Hospital [1-3]	Dayton, Ohio	F. Miller	5,333	29	2	2	250
Holzer Hospital [1]	Gallipolis, Ohio	M. J. Magnussen	2,784	17	..	1	150
Easton Hospital [1-3]	Easton, Pa.	T. C. Zulick, Jr.	1,655	26	2	2	250
Children's Hospital [1-3]	Philadelphia	C. E. Koop	2,283	26	2	4	67
Children's Hospital [1-3]	Pittsburgh	W. B. Kiesewetter	841	7	1	1	125
Gaston Hospital	Dallas, Texas	J. V. Goode	.....	...	..	..	250
University of Texas M. D. Anderson Hospital and Tumor Institute [1-3-401]	Houston, Texas	E. C. White	1,066	35	..	14	300
Holy Cross Hospital [1-3]	Salt Lake City	R. R. Robinson	3,731	35	3	3	175
Lynchburg General Hospital [1-3]	Lynchburg, Va.	J. E. Haynsworth	2,109	20	1	2	200
Children's Orthopedic Hospital [1]	Seattle	H. E. Coe	991	19	..	..	...
Chesapeake and Ohio Hospital [1-3]	Huntington, W. Va.	J. E. Parsons-J. M. Emmett	5,529	20	4	4	200

Residencies programs in the following hospitals are approved by the Council as offering satisfactory training of ONE or TWO years' duration in preparation for residency training in the surgical specialities only. Applicants intending to qualify for examination by the American Board of Surgery should refer to the lists of approved services on pages 376 through 382. (Surgical Residencies, J.A.M.A., 156:432, Sept. 25, 1954.)

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FEDERAL

UNITED STATES ARMY

U. S. Army Hospital [1-3]	Fort Campbell, Ky.	E. C. Lineberger	7,236	12	4	4	...
U. S. Army Hospital [1]	Fort Knox, Ky.	C. A. Owen	4,179	4	2	2	...
U. S. Army Hospital [1]	Fort Bragg, N. C.	F. E. Hagman	8,838	79	2	2	...
Valley Forge Army Hospital [1]	Phoenixville, Pa.	W. R. Matuska	3,038	12	4	4	...
U. S. Army Hospital [1]	Fort Belvoir, Va.	F. H. Van Wagoner	5,321	31	4	4	...
Madigan Army Hospital	Tacoma, Wash.	E. J. Doyle	1,722	5	2	2	...

UNITED STATES AIR FORCE

U. S. Air Force Hospital [1-3]	Rantoul, Ill.	O. K. Park	900	...	1	1	...
U. S. Air Force Hospital [1-3]	San Antonio, Texas	D. Gold	1,686	4	2	2	...
U. S. Air Force Hospital	Wichita, Falls, Texas	M. N. Jensen	1,080	10	2	2	...

NONFEDERAL

Good Samaritan Hospital [1]	Phoenix, Ariz.	D. W. Melick	7,075	30	2	2	250
St. Joseph's Hospital [1-3]	Phoenix, Ariz.	D. Polson	2,518	18	1	3	200
St. Mary's Hospital and Sanitorium [1-3]	Tucson, Ariz.	D. J. Heim	4,538	23	4	4	200
Tucson Medical Center [1-3]	Tucson, Ariz.	G. D. Boone	997	8	3	3	200
Arkansas Baptist Hospital	Little Rock, Ark.	G. W. Reagan, Sr.	2,499	14	1	1	250
General Hospital of Riverside County [1]	Arlington, Calif.	.....	524	23	1	1	391
Seaside Memorial Hospital [1-3]	Long Beach, Calif.	S. G. Pearson	2,205	10	4	4	150
Santa Fe Coast Lines Hospital	Los Angeles	L. Chaffin	1,189	4	2	2	250
Collis P. and Howard Huntington Memorial Hospital [1-3]	Pasadena, Calif.	C. F. Doehring	3,418	38	3	3	240
San Bernardino County Charity Hospital	San Bernardino, Calif.	R. Seavers	746	33	4	5	190
Mary's Help Hospital	San Francisco	E. Carlson	1,414	9	1	2	200
St. John's Hospital	Santa Monica, Calif.	J. F. Roberts	1,478	11	1	1	200
Colorado State Hospital [1-3-66]	Pueblo, Colo.	H. H. Kerr	634	28	5	5	415
Greenwich Hospital [1-3]	Greenwich, Conn.	H. P. Serrell	3,116	40	1	1	150
Hartford Municipal Hospital and Health Center [1-3]	Hartford, Conn.	C. Kelly	485	17	1	2	250
Meriden Hospital [1-3]	Meriden, Conn.	F. Guiffrida	1,989	11	2	2	200
Lawrence and Memorial Associated Hospitals [1-3]	New London, Conn.	F. B. Hartman	4,252	20	3	3	250
Norwalk Hospital [1-3]	Norwalk, Conn.	E. C. Beck	1,594	13	2	2	160
Sibley Memorial Hospital [1-3]	Washington, D. C.	P. S. Putzki	5,905	11	..	3	200
Riverside Hospital [1-3]	Jacksonville, Fla.	T. Moseley	851	...	1	1	150
St. Luke's Hospital [1-3]	Jacksonville, Fla.	R. Thompson	4,285	15	2	2	225
St. Francis Hospital [1-3]	Miami Beach, Fla.	J. H. Tanous	720	7	2	2	200
Orange Memorial Hospital [1-3]	Orlando, Fla.	F. D. Gray	1,701	25	4	4	150
Mound Park Hospital [1-3]	St. Petersburg, Fla.	C. Franckle	1,451	18	1	1	284
Mac Neal Memorial Hospital [1-3]	Berwyn, Ill.	R. Mrazek	2,168	24	2	2	225
Englewood Hospital [2]	Chicago	J. M. Levenson	3,079	7	1	1	200
Hospital of St Anthony De Padua [1-3]	Chicago	W. R. Sladek	3,692	23	2	2	250
Norwegian American Hospital [1-3]	Chicago	I. Isoe	746	7	2	2	225
Ravenswood Hospital [1-3]	Chicago	C. Noggle	2,504	43	2	2	100
St. Anne's Hospital [1-3]	Chicago	P. F. Fox	4,904	26	2	2	250
Woodlawn Hospital [1]	Chicago	H. P. Jenkins	1,112	7	1	1	200
Little Company of Mary Hospital [1-3]	Evergreen Park, Ill.	D. G. Sullivan	4,931	22	2	6	175
Methodist Hospital of Central Illinois [3]	Peoria, Ill.	W. H. Eastman	6,446	4	4	4	200
St. Anthony Hospital [1-3]	Rockford, Ill.	R. G. Smith	4,368	7	1	2	200
Ball Memorial Hospital [1]	Muncie, Ind.	A. G. Hurley	4,876	38	1	1	250
Mercy Hospital [1-3]	Iowa City	G. H. Scanlon	2,001	11	2	2	200
St. Francis Hospital [1-3]	Wichita, Kan.	J. H. Holt	3,473	50	2	4	275
Good Samaritan Hospital [2]	Lexington, Ky.	A. E. Grimes	2,131	16	1	1	225
Hotel Dieu-Sisters Hospital [1]	New Orleans	M. Salatich	3,232	18	2	4	225
Ochsner Foundation Hospital [1]	New Orleans	A. Ochsner	.....	...	..	..	...
Central Maine General Hospital [1]	Lewiston, Maine	W. V. Cox	3,245	54	1	1	225
Bon Secours Hospital [3]	Baltimore	S. G. Sullivan	1,220	7	1	2	260
New England Hospital [1-3]	Boston	A. Brown	1,810	4	2	2	75
Burbank Hospital [1]	Fitchburg, Mass.	F. P. Ross	3,343	36	2	3	200
Jennings Memorial Hospital [1-3-208]	Detroit	J. B. Hartzell	730	4	..	2	350
Woman's Hospital [1-3]	Detroit	J. R. Brown	3,342	17	1	2	275
Borgess Hospital [1-3]	Kalamazoo, Mich.	J. Hammer	3,520	114	1	1	225
Edward W. Sparrow Hospital [1-3]	Lansing, Mich.	S. H. Rutledge	6,377	59	2	3	400

Numerical and other references will be found on pages 387 through 390.

26. SURGERY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [3]	Total Residencies Offered [3]	Beginning Stipend (Month)
St. Joseph Mercy Hospital [1-3]	Pontiac, Mich.	C. G. Darling	2,043	20	2	6	325
Swedish Hospital [1-3]	Minneapolis	A. Russeth	8,591	49	3	3	300
Menorah Medical Center [1-3]	Kansas City, Mo.	P. H. Halperin	4,765	31	3	6	300
Missouri Methodist Hospital [1]	St. Joseph, Mo.	H. L. Warres	4,431	41	3	3	225
St. Anthony's Hospital [1-3]	St. Louis	B. L. Sinner	3,690	18	1	1	150
St. Elizabeth Hospital [1-3]	Lincoln, Neb.	R. F. Mueller	3,857	30	3	3	350
Hackensack Hospital [1-3]	Hackensack, N. J.	A. I. Mader, Jr.	4,036	32	1	3	150
Monmouth Memorial Hospital [1-3]	Long Branch, N. J.	H. Kazmann	2,626	50	1	3	300
Mountainside Hospital [1-3]	Montclair, N. J.	H. Wesson	4,809	177	1	1	175
Morristown Memorial Hospital [1-3]	Morristown, N. J.	G. H. Laudig	3,949	31	1	1	185
Fitkin Memorial Hospital [1-3]	Neptune, N. J.	M. Q. Hancock	2,517	46	1	1	200
Presbyterian Hospital [1-3]	Newark, N. J.	G. F. Hewson	5,448	65	3	3	125
Orange Memorial Hospital [1-3]	Orange, N. J.	W. H. Glass	4,372	38	1	3	150
Deaconess Hospital [1-3]	Buffalo	E. T. McGroder	4,627	27	2	6	300
Columbus Hospital [3]	New York City	V. Carabba	2,292	18	2	2	125
Hospital for Joint Diseases [1-3]	New York City	P. Klingenstein	906	8	4	4	80
Jewish Memorial Hospital [1-3]	New York City	B. Sherwin	2,187	16	1	1	150
Lebanon Hospital [1-3]	New York City	B. Sherwin-C. B. Ripstein	2,535	6	1	1	100
Misericordia Hospital [1-3]	New York City	A. S. McQuillan	1,906	27	1	2	125
Mother Cabrini Memorial Hospital [1-3]	New York City	J. P. Alvich	1,286	4	1	3	125
New York Infirmary [2-3]	New York City	L. Loseke	664	10	1	2	150
Sydenham Hospital [1-3]	New York City	S. Standard	780	2	3	4	165
St. Agnes Hospital [1]	Raleigh, N. C.	G. W. Paschal	625	...	1	1	250
Kate Bitting Reynolds Memorial Hospital [1]	Winston-Salem, N. C.	J. M. Walker, Jr.	2,543	19	1	3	300
Bismarck Hospital [3]	Bismarck, N. Dak.	R. H. Waldschmidt	725	5	2	2	300
St. Luke's Hospital	Fargo, N. Dak.	V. G. Borland	1,057	9	1	1	300
Deaconess Hospital [1-3]	Cincinnati	R. W. Good-J. Payne	3,174	9	3	3	175
Fairview Park Hospital [1-3]	Cleveland	W. E. Smith	1,279	7	4	4	250
Doctor's Hospital [1-3]	Cleveland Heights, Ohio	R. R. Renner	3,308	24	2	5	200
St. Elizabeth Hospital [1]	Dayton, Ohio	T. P. Rab	4,101	28	1	1	225
Mercy Hospital [1-3]	Hamilton, Ohio	W. F. Hume	2,759	17	6	18	250
Lima Memorial Hospital [1-3]	Lima, Ohio	R. R. Snowball	5,109	29	1	3	275
Mansfield General Hospital [1-3]	Mansfield, Ohio	A. H. Voegele	908	4	3	3	225
Wesley Hospital [1]	Oklahoma City	J. H. Robinson	1,271	15	2	2	225
Good Samaritan Hospital [1-3]	Portland, Ore.	J. Raaf	5,937	50	1	1	275
Providence Hospital [1-3]	Portland, Ore.	L. P. Gambee	6,849	55	3	3	275
Bradford Hospital [1-3]	Bradford, Pa.	S. A. McCutcheon	1,291	6	..	2	250
Hazleton State Hospital [1-3]	Hazleton, Pa.	J. P. H. Kettrick	2,455	13	2	4	445
Frankford Hospital [1-3]	Philadelphia	O. P. Large	1,607	10	1	3	250
St. Joseph's Hospital [1-3]	Philadelphia	J. A. Lehman	2,628	...	1	1	...
St. Mary's Hospital [3]	Philadelphia	P. A. McCarthy	2,208	12	1	1	250
Mercy Hospital [1-3]	Wilkes-Barre, Pa.	L. C. Blaum	2,431	5	1	1	250
Wilkes-Barre General Hospital [1-3]	Wilkes-Barre, Pa.	P. J. Morgan	3,047	14	1	2	225
Columbia Hospital	Wilkinsburg, Pa.	W. B. Hetvel	3,668	30	1	2	300
Newell Hospital [3]	Chattanooga, Tenn.	E. T. Newell, Jr.	1,922	14	3	3	400
St. Mary's Memorial Hospital [1-3]	Knoxville, Tenn.	C. L. Chumley	3,291	15	1	2	250
Harris Hospital [1-3]	Fort Worth, Texas	A. F. Kauffmann	5,047	28	2	4	300
Southern Pacific Hospital [3]	Houston, Texas	J. R. Gandy	466	6	1	3	...
Baptist Memorial Hospital [1-3]	San Antonio, Texas	R. F. Gossett	5,441	25	1	1	150
Thomas D. Dee Memorial Hospital [1-3]	Ogden, Utah	L. S. Perry	1,543	5	2	2	275
St. Elizabeth's Hospital [1-3]	Richmond, Va.	G. W. Horsley	968	4	1	2	200
Lewis Gale Hospital [1-3]	Roanoke, Va.	W. L. Sibley	2,719	17	2	2	300
Doctors Hospital [1-3]	Seattle	A. W. Lobb	4,080	28	1	2	250
Providence Hospital [1-3]	Seattle	A. Bill	5,700	79	1	2	200
Sacred Heart Hospital	Spokane, Wash.	D. G. Corbett	9,847	78	1	1	250
St. Luke's Hospital [1-3]	Spokane, Wash.	M. F. Kepl	2,408	19	1	1	225
Laird Memorial Hospital [1-3]	Montgomery, W. Va.	W. R. Laird	1,918	12	..	2	300
Mercy Hospital [1-3]	Janesville, Wis.	E. W. Reinardy	3,002	5	3	3	200
La Crosse Lutheran Hospital [1-3]	La Crosse, Wis.	S. B. Gundersen	1,989	7	1	2	300
Methodist Hospital [1-3]	Madison, Wis.	J. R. Steeper	5,021	47	1	1	300
Evangelical Deaconess Hospital [1-3]	Milwaukee	H. B. Benjamin	3,474	14	3	4	250
St. Luke's Hospital [1-3]	Milwaukee	J. J. Adamkiewicz	2,350	19	3	3	275

27. THORACIC SURGERY

Residency programs in the following hospitals have been approved by the Council on Medical Education and Hospitals without specifying the number of years for which they are approved.

Hospitals, 90; Assistant Residencies and Residencies, 210

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [3]	Total Residencies Offered [3]	Beginning Stipend (Month)
UNITED STATES ARMY							
Fitzsimons Army Hospital [1]	Denver	J. M. Salyer	349	3	1	2	...
Army Medical Center [1-3]	Washington, D. C.	E. J. Jahnke	90	2	1	2	...
UNITED STATES NAVY							
U. S. Naval Hospital [1]	San Diego, Calif.	J. M. Hanner	313	27	1	1	...
U. S. Naval Hospital	St. Albans, N. Y.	R. N. Grant	182	1	1	1	...
VETERANS ADMINISTRATION							
Veterans Admin. Hospital [1-3-35]	Los Angeles	F. X. Byron	378	36	2	2	...
Veterans Admin. Research Hospital [1]	Chicago	(See Northwestern University Medical Center)					
Veterans Admin. Hospital [1]	Hines, Ill.	H. T. Langston	408	21	2	4	...
Veterans Admin. Hospital [1-3]	Rutland Heights, Mass.	J. B. Petter	224	5	1	1	...
Veterans Admin. Hospital [1-3]	Minneapolis	T. J. Kinsella	114	14	1	1	...
Veterans Admin. Hospital [1-3]	St. Louis	T. H. Burford	251	10	1	2	...
Veterans Admin. Hospital [1-3-251]	Brooklyn, N. Y.	R. Klopstock	125	6	1	2	...
Veterans Admin. Hospital [1-3]	Buffalo, N. Y.						
Veterans Admin. Hospital [1-3]	Castle Point, N. Y.	R. Douglass	156	..	..	2	...
Veterans Admin. Hospital [1-3-302]	New York City (Bronx)	A. Himmelstein	127	8	2	3	...
Veterans Admin. Hospital [1-3]	Sunmount, N. Y.	J. W. Bell	428	..	..	1	...
Veterans Admin. Hospital [1]	Oteen, N. C.	J. D. Murphy	832	29	..	3	...
Veterans Admin. Hospital [1-3-342]	Cleveland	H. J. Mendelsohn	112	8	1	2	...
Veterans Admin. Hospital [1-3]	Memphis, Tenn.	F. A. Hughes	594	38	..	2	...
Veterans. Admin. Hospital [1-3]	Dallas, Texas	R. H. Holland	196	19	..	1	...
Veterans Admin. Hospital [1-3]	Richmond, Va.	L. W. Bosher, Jr.	291	21	1	2	...
Veterans Admin. Hospital [1-3]	Milwaukee (Wood)	F. Raine	185	7	..	1	...

Numerical and other references will be found on pages 387 through 390.

27. THORACIC SURGERY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [5]	Total Residencies Offered [6]	Beginning Stipend (Month)
City of Hope Medical Center	Duarte, Calif.	A. Goldman	339	23	2	2	400
Highland-Alameda County Hospital [1-3-41]	Oakland, Calif.	P. Samson	308	7	2	3	195
Harbor General Hospital [1-3]	Torrance, Calif.	B. Ramsay	87	4	1	2	246
National Jewish Hospital [1-3]	Denver	J. B. Grow	113	9	2	2	200
Grace-New Haven Community Hospital [1-3]	New Haven, Conn.	G. E. Lindskog	538	7	..	1	50
Cedarcrest Hospital [1-3]	Newington, Conn.	R. L. Kemler	323	2	1	1	335
Uncas on Thames	Norwich, Conn.	W. O. Kelley	526	7	1	1	335
George Washington University Hospital [1-3-81]	Washington, D. C.	B. Blades	456	11	..	2	267
University Hospital [1]	Augusta, Ga.	R. Major	179	8	..	2	200
Chicago State Tuberculosis Sanitarium [1-3]	Chicago	H. T. Langston	230	..	2	2	250
Children's Memorial Hospital [1-3]	Chicago	W. J. Potts	.....	..	..	1	125
City of Chicago Municipal Tuberculosis Sanitarium [1-3]	Chicago	W. M. Lees	1,597	12	..	9	175
Northwestern University Medical Center							
Veterans Admin. Research Hospital [1]	Chicago	F. W. Preston	75	7	..	1	...
State University of Iowa Hospitals [1-3]	Iowa City	J. H. Ehrenhaft	Incl. in Surgery		1	2	200
University of Kansas Medical Center [1]	Kansas City, Kan.	L. F. Allbritten	.....	..	6	12	125
Charity Hospital of Louisiana							
Louisiana State University Unit [1]	New Orleans	L. H. Strug	113	8	..	2	175
Tulane University Unit [1]	New Orleans	A. Ochsner	254	11	..	1	175
Confederate Memorial Medical Center [1]	Shreveport, La.	W. W. McCook	47	..	..	..	125
University Hospital [1-3]	Baltimore	R. A. Cowley	224	10	..	6	75
Boston City Hospital [1-3]	Boston	J. W. Strieder	240	16	..	3	162
Boston Sanatorium [1-3]	Boston	J. W. Strieder	144	3	1	3	202
New England Deaconess Hospital [1]	Boston	F. M. Woods	.....	..	2	4	200
University Hospital [1-3]	Ann Arbor, Mich.	C. Haight	691	19	3	12	186
Herman Kiefer Hospital [1-3]	Detroit	W. M. Tuttle	1,449	5	4	7	513
Ingham Chest Hospital	Lansing, Mich.	C. J. Stringer	475	9	1	2	400
Mayo Foundation [1]	Rochester, Minn.	O. T. Clagett	.....	..	..	2	150
University Hospitals [1]	Jackson, Miss.	J. D. Hardy	.....	..	2	4	250
Missouri State Sanatorium [1]	Mount Vernon, Mo.	W. W. Buckingham	290	3	2	2	500
Barnes Hospital [1-3]	St. Louis	T. Burford	742	26	3	3	50
B. S. Pollak Hospital for Chest Diseases [1-3]	Jersey City, N. J.	F. Bortone	174	..	..	2	167
Kings County Hospital							
County Service [1]	Brooklyn, N. Y.	E. H. Griffin	185	4	1	2	104
University Service [1]	Brooklyn, N. Y.	M. Newman	175	12	1	2	104
Buffalo General Hospital [1-3]	Buffalo	J. R. Paine	174	8	1	1	300
Edward J. Meyer Memorial Hospital [1]	Buffalo	J. D. Stewart	124	13	..	2	248
Triboro Hospital [1-3]	Jamaica, N. Y.	L. Miscall	207	12	6	6	157
Mount Morris Tuberculosis Hospital [1-3]	Mount Morris, N. Y.	J. M. Judd	128	4	1	1	400
Bellevue Hospital Center							
Div. I—Columbia University [1-3-285]	New York City	R. H. Wylie	260	10	2	4	105
Bronx Municipal Hospital Center [1]	New York City	C. B. Ripstein	.....	..	2	4	150
Montefiore Hospital [1-3]	New York City	A. H. Aufses	101	5	..	1	75
New York Medical College-Metropolitan Medical Center							
Metropolitan Hospital [1-3]	New York City	S. A. Thompson	113	4	2	2	105
St. Joseph's Hospital for Chest Diseases [1-3]	New York City	W. W. Fischer	276	4	1	2	250
Homer Folks Tuberculosis Hospital [1-3]	Oneonta, N. Y.	A. M. Skinner	233	4	2	2	495
Ray Brook State Tuberculosis Hospital [1-3]	Ray Brook, N. Y.	D. Pecora	233	..	2	2	470
Sea View Hospital [1-3-315]	Staten Island, N. Y.	L. R. Davidson	324	3	2	4	157
Charlotte Memorial Hospital [1]	Charlotte, N. C.	J. M. Van Hoy	195	7	1	2	250
Duke University Hospital [1-3-323]	Durham, N. C.	W. C. Sealy	527	15	..	1	127
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	H. H. Bradshaw	215	14	..	..	125
City Hospital [1-3]	Cleveland	G. H. A. Clowes, Jr.	189	9	..	2	150
Cleveland Clinic Hospital [1]	Cleveland	D. Effler	550	27	2	3	175
Sunny Acres-Cuyahoga County Tuberculosis Hospital [1-3]	Cleveland	S. O. Freedlander	160	2	1	1	458
Benjamin Franklin Hospital [1-347]	Columbus, Ohio	M. G. Buckles	824	14	1	2	475
Ohio State University Hospitals							
Ohio Tuberculosis Hospital [1-3]	Columbus, Ohio	N. C. Andrews	156	11	..	2	225
University Hospital [1-3]	Columbus, Ohio	K. P. Klassen	680	25	..	2	152
University of Oregon							
Medical School Hospitals and Clinics	Portland, Ore.	W. S. Conklin	273	7	1	2	100
Episcopal Hospital	Philadelphia	R. P. Glover	102	4	1	2	150
Hahnemann Medical College and Hospital [3]	Philadelphia	C. Bailey	1,013	74	3	5	75
Philadelphia General Hospital [1-3]	Philadelphia	Mendelssohn Johnson Bailey	.....	..	3	3	114
Pittsburgh Medical Center		E. M. Kent	.....	..	..	..	...
Allegheny General Hospital [1]	Pittsburgh						
Children's Hospital [1-3]	Pittsburgh						
Presbyterian Hospital	Pittsburgh		54	2	..	2	125
Baptist Memorial Hospital [1-3-339]	Memphis, Tenn.	D. M. Carr	318	2	1	2	150
West Tennessee Tuberculosis Hospital [1-3]	Memphis, Tenn.	F. H. Cole	401	3	2	3	200
Baylor University Hospital [1-3]	Dallas, Texas	R. R. Shaw	600	9	2	2	215
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	A. W. Harrison	Incl. in Surgery		1	2	160
Baylor University College of Medicine Affiliated Hospitals							
Jefferson Davis Hospital [1-3]	Houston, Texas	M. E. De Bakey	.....	..	1	1	75
Methodist Hospital [1-3]	Houston, Texas						
Veterans Admin. Hospital	Houston, Texas						
Dr. W. H. Groves Latter-Day Saints Hospital [3]	Salt Lake City	W. R. Rumel	255	6	..	1	275
University of Virginia Hospital [1-3-418]	Charlottesville, Va.	E. C. Drash	692	17	..	2	50
Firland Sanatorium [1-3]	Seattle	F. J. Jarvis	143	5	1	1	300
Leahi Hospital [1-3]	Honolulu, T. H.	P. W. Gebauer	Incl. in Pul. Diseases		1	1	400

28. UROLOGY

Residency programs in the following hospitals have been approved by the Council and the American Board of Urology, through the Residency Review Committee for Urology, as offering training of three years', two years' or one year's duration. It should be noted that beginning July 1, 1957 only those hospitals which, either intramurally or through affiliation, are able to provide full training in the specialty will continue to be approved. Those hospitals which have residency programs approved for one or two years of training will be reviewed prior to July 1, 1957 relative to their qualifying for continued approval.

Hospitals, 223; Assistant Residencies and Residencies, 666

FEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [5]	Total Residencies Offered [6]	Length of Approved Program (Years)	Beginning Stipend (Month)
UNITED STATES ARMY								
Letterman Army Hospital [1]	San Francisco	E. Lowry	309	5	1	3	3	...
Fitzsimons Army Hospital [1]	Denver	C. W. Hoffman	190	3	1	1	1	...
Army Medical Center [1-3]	Washington, D. C.	J. W. Schwartz	553	5	2	6	3	...

Numerical and other references will be found on pages 387 through 390.

28. UROLOGY—Continued

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [4]	Total Residencies Offered [4]	Length of Approved Program (Years)	Beginning Stipend (Month)
FEDERAL								
Brooke Army Hospital [1-3]	San Antonio, Texas	C. C. Dodson	939	12	[2]	6	3	...
Tripler Army Hospital [1]	Honolulu, T. H.	R. T. Artman	868	3	1	1	3	...
UNITED STATES NAVY								
U. S. Naval Hospital [1-3]	Oakland, Calif.	M. S. Curtis	608	4	1	2	3	...
U. S. Naval Hospital [1]	San Diego, Calif.	J. R. Dillon, Jr.	1,297	17	[2]	4	3	...
U. S. Naval Hospital	Bethesda, Md.	J. S. Hanten	786	1	[2]	4	3	...
U. S. Naval Hospital	St. Albans, N. Y.	J. F. Richardson	441	9	1	3	3	...
U. S. Naval Hospital [1-3]	Philadelphia	R. P. Black	598	5	1	1	3	...
UNITED STATES PUBLIC HEALTH SERVICE								
U. S. Public Health Service Hospital [1-3]	Staten Island, N. Y.	C. D. Miller	613	9	1	4	3	...
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE								
Freedmen's Hospital [1-3]	Washington, D. C.	R. F. Jones	264	4	..	1	3	218
VETERANS ADMINISTRATION								
Veterans Admin. Hospital [1-3]	Birmingham, Ala.	(See University of Alabama Medical Center)						
Veterans Admin. Hospital [1-3]	Long Beach, Calif.	A. J. Bischoff	338	14	1	3	3	...
Veterans Admin. Hospital [1-3-27-31-34]	Los Angeles	(See University of California Medical Center)						
Veterans Admin. Hospital [1]	San Francisco	H. M. Weyrauch-D. R. Smith	225	12	1	3	3	...
Veterans Admin. Hospital [1-3-83]	Washington, D. C.	J. G. Lee	318	8	..	3	3	...
Veterans Admin. Hospital [1-3]	Atlanta, Ga.	W. N. Morrison	380	3	1	1	2	...
Veterans Admin. Hospital [1]	Hines, Ill.	F. Lloyd	1,115	23	1	7	3	...
Veterans Admin. Hospital [1]	Des Moines, Iowa	L. J. Arduino	850	12	1	3	3	...
Veterans Admin. Hospital [1-3]	Wadsworth, Kan.	I. S. Brown	175	10	1	3	3	...
Veterans Admin. Hospital	Louisville, Ky.	(See University of Louisville Hospitals)						
Veterans Admin. Hospital [1-3-150]	New Orleans	E. Burns	319	4	1	3	3	...
Veterans Admin. Hospital [1-3]	Fort Howard, Md.	H. J. Meisel	242	3	1	1	3	...
Veterans Admin. Hospital [1-3]	Boston (Jamaica Plain)	R. Chute	763	6	..	2	3	...
Veterans Admin. Hospital [1-3]	West Roxbury, Mass.	H. S. Talbot	230	8	1	2	3	...
Veterans Admin. Hospital [1-3]	Dearborn, Mich.	J. M. Caputo	549	7	1	1	1	...
Veterans Admin. Hospital [1-3-208]	Minneapolis	C. D. Creevy	536	15	1	3	3	...
Veterans Admin. Hospital	Jackson, Miss.	(See University of Mississippi Medical Center)						
Veterans Admin. Hospital [1]	Kansas City, Mo.	(See University of Kansas Medical Center, Kansas City, Kan.)						
Veterans Admin. Hospital [1-5]	St. Louis	J. P. Altheide	376	7	1	3	3	...
Veterans Admin. Hospital [1-3]	Lincoln, Neb.	A. D. Munger	296	3	1	2	3	...
Veterans Admin. Hospital [1-3-250]	Brooklyn, N. Y.	F. L. Senger	531	14	1	3	3	...
Veterans Admin. Hospital [1-3]	Buffalo	W. M. Chardack	451	9	1	2	3	...
Veterans Admin. Hospital [1-3]	New York City (Bronx)	A. L. Dean	1,044	13	2	5	3	...
Veterans Admin. Hospital [1-3-249]	New York City (Manhattan)	A. H. Ulm	193	8	1	4	3	...
Veterans Admin. Hospital [1-3]	Cleveland	G. Austen, Jr.	392	16	1	3	3	...
Veterans Admin. Hospital	Dayton, Ohio	F. F. Kelly	738	18	1	3	3	...
Veterans Admin. Hospital [1-3-362]	Portland, Ore.	(See University of Oregon Medical School Hospitals)						
Veterans Admin. Hospital [1-3]	Philadelphia	P. B. Hughes	610	18	..	1	3	...
Veterans Admin. Hospital [1-377]	Pittsburgh	C. A. Kuehn	753	11	1	4	3	...
Veterans Admin. Hospital [1-3-392]	Memphis, Tenn.	W. S. Bradley, Jr.	1,074	11	..	2	3	...
Veterans Admin. Hospital [1-3]	Dallas, Texas	R. C. Smith	380	11	..	2	3	...
Veterans Admin. Hospital [1-3]	Houston, Texas	(See Baylor University College of Medicine Affiliated Hospitals)						
Veterans Admin. Hospital [1-3]	White River Jct., Vt.	(See Dartmouth Medical College Hospitals, Hanover, N. H.)						
Veterans Admin. Hospital [1-3-429]	Richmond, Va.	R. C. Bunts	1,340	8	1	4	3	...
Veterans Admin. Hospital [1-3-431]	Milwaukee (Wood)	R. S. Irwin	750	20	..	3	3	...
NONFEDERAL								
Carraway Methodist Hospital [1-3]	Birmingham, Ala.	H. Hudson	455	3	..	1	3	250
University of Alabama Medical Center			.....	..	..	..	3	...
University Hospital and Hillman Clinic [1-3-11]	Birmingham, Ala.	B. Barelare	341	7	..	3	..	108
Veterans Admin. Hospital [1-3]	Birmingham, Ala.	F. D. Howard	347	14	1	3	..	...
University Hospital [1]	Little Rock, Ark.	J. W. Headstream	260	2	..	2	3	145
Kern General Hospital [1]	Bakersfield, Calif.	S. G. Kearney	330	11	..	2	3	325
Los Angeles County Hospital [1-31]	Los Angeles	J. J. Crane	3,240	85	3	7	3	246
Presbyterian Hospital-Olmsted Memorial [1-2-20]	Los Angeles	T. O. Powell	945	2	1	3	2	200
University of California Medical Center			.....	..	..	..	3	...
University Hospital	Los Angeles	W. E. Goodwin	46	..	1	3	..	259
Veterans Admin. Hospital [1-3]	Los Angeles	W. E. Goodwin	1,380	36	2	7	..	...
Harbor General Hospital [1-3]	Torrance, Calif.	E. Belt	565	19	2	4	..	200
White Memorial Hospital [1-3-28]	Los Angeles	R. W. Barnes	489	5	1	2	3	151
Highland-Alameda County Hospital [1-3]	Oakland, Calif.	H. Kay	379	4	1	1	3	195
San Diego County General Hospital [1-3]	San Diego, Calif.	E. Le Due	340	6	1	2	3	150
Southern Pacific General Hospital [1-3]	San Francisco	T. E. Gibson	456	6	1	2	3	175
Stanford University Hospitals			.....	..	..	..	3	...
San Francisco Hospital—(Stanford University Service) [1-3]	San Francisco	W. A. Sumner	317	..	..	2	..	195
Stanford University Hospital [1-3]	San Francisco	H. M. Weyrauch	469	2	1	2	..	80
University of California Hospitals			.....	..	..	..	3	...
Franklin Hospital [1-3]	San Francisco	J. W. Schulte	452	4	2	2	..	200
San Francisco Hospital—(University of California Service) [1-3]	San Francisco	S. Olsen	296	6	1	2	..	200
University of California Hospital [1-3]	San Francisco	D. R. Smith	444	3	..	3	..	191
Santa Clara County Hospital [1]	San Jose, Calif.	E. W. McElligott	374	11	1	1	..	200
University of Colorado Medical Center								
Colorado General Hospital [1-3]	Denver	D. R. Higbee	300	9	1	3	3	160
Denver General Hospital [1-3]	Denver	D. Newland	211	7	..	..	3	157
Grace-New Haven Community Hospital [1-3]	New Haven, Conn.	B. M. Harvard	872	9	1	3	3	50
Hospital of St. Raphael [3]	New Haven, Conn.	L. Maurer	493	3	1	3	3	125
Waterbury Hospital [1]	Waterbury, Conn.	C. H. Neuswanger	437	..	1	2	2	225
Delaware Hospital [1-3]	Wilmington, Del.	B. S. Vallett	548	11	1	3	3	180
District of Columbia General Hospital [1-3]	Washington, D. C.	L. Culbertson-R. Baker	335	5	1	3	3	153
Duval Medical Center [1-3]	Jacksonville, Fla.	R. B. McIver	311	12	..	1	2	150
St. Vincent's Hospital [1-3]	Jacksonville, Fla.	R. B. McIver	601	2	1	2	2	225
Jackson Memorial Hospital [1-3]	Miami, Fla.	M. M. Coplan	1,254	17	2	5	3	75
Orange Memorial Hospital [1-3]	Orlando, Fla.	L. B. Orr-F. J. Pyle	1,112	11	1	3	3	150
Grady Memorial Hospital [1]	Atlanta, Ga.	M. K. Bailey	619	8	2	6	3	20
St. Joseph's Infirmary [1-3]	Atlanta, Ga.	H. P. McDonald	943	4	1	2	3	165
University Hospital	Augusta, Ga.	J. R. Rinker	503	7	..	6	3	200
Cook County Hospital [1-3]	Chicago	W. J. Baker	1,289	30	1	4	3	75
Mercy Hospital [1-3]	Chicago	H. E. Landes	845	8	1	3	3	100
Michael Reese Hospital [1-3]	Chicago	I. Shapiro	909	14	1	3	3	75
Mount Sinai Hospital [1-3]	Chicago	J. M. Glasser	473	7	1	1	2	100

Numerical and other references will be found on pages 387 through 390.

28. UROLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
Northwestern University Medical Center								
Chicago Wesley Memorial Hospital [1-3]	Chicago	V. J. O'Conor	922	4	1	2	3	75
Evanston Hospital [1-3]	Evanston, Ill.	J. Farrell	445	6	1	1	1	225
Presbyterian Hospital [1]	Chicago	N. J. Heckel	708	8	1	3	3	125
St. Luke's Hospital [1-3]	Chicago	W. J. Baker	588	8	1	1	3	75
University of Chicago Clinics [1-3]	Chicago	C. W. Vermeulen	489	23	1	3	3	200
University of Illinois								
Research and Educational Hospitals [1-3]	Chicago	J. Kiefer	264	11	..	1	3	125
Indianapolis General Hospital [1-3]	Indianapolis	R. D. Howell	307	9	1	3	3	205
Indiana University Medical Center [1-125]	Indianapolis	R. Garrett	307	3	1	4	3	165
Methodist Hospital [1-3]	Indianapolis	M. Nourse	2,049	13	..	1	1	278
State University of Iowa Hospitals [1-3]	Iowa City	R. H. Flocks	1,938	53	3	8	3	140
University of Kansas Medical Center		W. Valk	.....	..	..	..	3	...
University Hospital [1-3]	Kansas City, Kan.		742	10	2	6	..	125
Veterans Admin. Hospital [1]	Kansas City, Mo.		304	8	1	2	..	...
University of Louisville Hospitals			....	..	..	..	3	...
St. Joseph Hospital	Lexington, Ky.	E. H. Ray	511	3	1	1	1	230
Louisville General Hospital [1-3-138]	Louisville, Ky.	R. Lich, Jr.	340	3	..	3	..	105
Veterans Admin. Hospital [1-3]	Louisville, Ky.	M. I. Schwalbe	443	9	1	2	..	...
Charity Hospital of Louisiana								
Independent Unit [1]	New Orleans	R. J. Mailhes	448	9	1	3	3	100
Louisiana State University Unit [1]	New Orleans	H. T. Beacham	1,013	11	2	6	3	100
Tulane University Unit [1]	New Orleans	E. Burns	1,116	16	2	6	3	100
Ochsner Foundation Hospital [1-144]	New Orleans	E. Burns	476	3	1	3	3	225
Confederate Memorial Medical Center [1]	Shreveport, La.	R. K. Womack	955	14	1	3	3	125
Johns Hopkins Hospital [1-3-154]	Baltimore	W. W. Scott	1,086	14	3	4	3	25
Sinai Hospital [1-3]	Baltimore	B. S. Abeshouse	758	14	2	4	3	110
University Hospital [1-3]	Baltimore	J. D. Young	557	13	..	3	3	75
Beth Israel Hospital [1-3]	Boston	G. C. Prather	502	..	..	1	2	100
Boston City Hospital [1-3]	Boston	F. G. Sheddan, Jr.	546	..	..	4	3	162
Massachusetts General Hospital [1-3]	Boston	W. F. Leadbetter	1,300	..	1	2	3	67
Massachusetts Memorial Hospitals [1-3-171]	Boston	S. Vose	523	1	1	3	3	50
New England Center Hospital [1-3]	Boston	B. G. Clarke	230	..	1	3	3	100
Peter Bent Brigham Hospital [1-3-185]	Boston	J. H. Harrison	Incl. in Surgery		..	3	2	42
University Hospital [1-3]	Ann Arbor, Mich.	R. M. Nesbit	1,328	16	3	12	3	186
Grace Hospital [1-3]	Detroit	C. G. Weltman	897	6	1	2	3	275
Harper Hospital [1-3]	Detroit	F. Bicknell	1,547	16	1	3	3	225
Henry Ford Hospital [1-3]	Detroit	A. W. Bohne	826	7	2	6	3	225
Receiving Hospital [1-3]	Detroit	D. J. Jaffar	603	17	2	3	3	260
Wayne County General Hospital and Infirmary [1-3]	Eloise, Mich.	W. L. Sherman	438	23	1	4	3	306
Blodgett Memorial Hospital [1-3]	Grand Rapids, Mich.	J. A. Ryan	516	8	1	3	2	250
Minneapolis General—St. Mary's Hospitals [1-3]	Minneapolis	T. H. Sweetser, Sr.	939	8	1	4	3	185
University of Minnesota Hospitals [1-3-214]	Minneapolis	C. D. Creevy	890	13	1	4	3	185
Mayo Foundation [1]	Rochester, Minn.	G. J. Thompson	3,535	43	6	14	3	150
Ancker—Charles T. Miller Hospitals [1-3]	St. Paul, Minn.	F. E. B. Foley	845	24	1	4	3	185
University of Mississippi Medical Center								
University Hospital [1]	Jackson, Miss.	T. Ainsworth	....	1	1	3	3	...
Veterans Admin. Hospital	Jackson, Miss.							
Kansas City General Hospital No. 1 [1-3]	Kansas City, Mo.	A. L. Stockwell	416	16	1	3	3	150
Barnes Hospital [1-3]	St. Louis	J. J. Cordonnier	1,062	17	2	6	3	50
Homer G. Phillips Hospital [1-3]	St. Louis	M. Abrams	439	16	2	4	3	216
Missouri Baptist Hospital [1-3]	St. Louis	C. E. Burford	813	12	1	1	1	175
Missouri Pacific Hospital [3]	St. Louis	A. E. Vitt	580	3	..	1	3	200
St. Louis City Hospital [1-3]	St. Louis	C. Wattenberg-W. Melick	322	20	1	3	3	190
St. Mary's Group of Hospitals [1-3-227]	St. Louis	C. E. Burford	651	3	1	3	3	100
Dartmouth Medical College Hospitals								
Mary Hitchcock Memorial Hospital [1-3]	Hanover, N. H.	W. L. McLaughlin	783	7	1	3	3	188
Veterans Admin. Hospital	White River Jct., Vt.							
Bayonne Hospital and Dispensary [3]	Bayonne, N. J.	A. J. Balsamo	726	2	1	3	3	175
Jersey City Medical Center [1-3]	Jersey City, N. J.	E. J. Daly	443	7	1	3	3	125
Harrison S. Martland Medical Center [1-3]	Newark, N. J.	E. Seidman	376	5	1	3	3	162
Albany Hospital [1-3]	Albany, N. Y.	J. Heslin	894	2	1	3	3	160
Jewish Hospital [1-3]	Brooklyn, N. Y.	A. Segal-P. Katzen	708	2	1	2	2	100
Kings County Hospital								
County Service [1]	Brooklyn, N. Y.	G. R. Horton	628	13	1	2	3	104
University Service	Brooklyn, N. Y.	F. C. Hamm	626	16	..	2	3	104
Long Island College Hospital [1-3]	Brooklyn, N. Y.	F. L. Senzer	697	2	1	2	3	150
Maimonides Hospital [1-3]	Brooklyn, N. Y.	H. Hermann	996	2	1	4	3	75
Methodist Hospital [1-3]	Brooklyn, N. Y.	O. P. Schoenemann	731	5	1	1	3	175
Buffalo General Hospital [1-3-261]	Buffalo	O. J. Oberkircher	936	2	1	3	3	175
Edward J. Meyer Memorial Hospital [1-261]	Buffalo	E. L. Brodie	439	12	1	4	3	248
Millard Fillmore Hospital	Buffalo	P. A. Greco	1,008	1	1	3	3	285
Elmhurst General Hospital [1-3-458]	Elmhurst, N. Y.	G. A. Fiedler	285	9	1	2	2	105
Meadowbrook Hospital	Hempstead, N. Y.	R. M. Bowles	506	24	1	4	3	225
Queens General Hospital [1-3]	Jamaica, N. Y.	E. Rubin	501	15	1	3	3	105
Bellevue Hospital Center								
Div. II—Cornell University [1-3]	New York City	J. W. Draper	544	8	1	4	3	105
Div. IV—New York University								
Post Graduate Medical School [1-3-275]	New York City	R. Hotchkiss	577	11	2	7	3	105
Beth Israel Hospital [1-3]	New York City	S. F. Wilhelm	775	5	1	3	3	140
Bronx Municipal Hospital Center	New York City	H. R. Newman	....	..	1	3	3	105
Fordham Hospital [1-3]	New York City	L. V. Smiley	320	6	1	1	1	105
French Hospital [1-3]	New York City	J. D. Cooney	512	4	1	3	3	83
Lincoln Hospital [1-3]	New York City	F. P. Twinem	....	3	1	2	3	105
Morrisania City Hospital [1-3]	New York City	J. J. Roth	673	14	2	4	3	105
Mount Sinai Hospital [1-3]	New York City	G. Oppenheimer	985	13	3	5	3	50
New York Hospital [1-3]	New York City	V. Marshall	1,028	..	2	6	3	137.50
New York Medical College—Metropolitan Medical Center								
Metropolitan Hospital [1-3]	New York City	T. J. Kirwin	465	12	1	2	2	105
New York Polyclinic Medical School and Hospital [1-3]	New York City	J. S. Ritter	647	8	1	3	3	100
Presbyterian Hospital [1]	New York City	J. K. Lattimer	1,583	15	2	6	3	250
Roosevelt Hospital [1-3-285]	New York City	S. A. Belsler	566	4	1	3	3	133
St. Clare's Hospital [1-3]	New York City	G. H. Fiedler	324	1	1	3	3	200
St. Luke's Hospital [1-3]	New York City	J. A. Taylor	570	13	1	3	3	100
Strong Memorial—Rochester Municipal Hospital [1-3]	Rochester, N. Y.	W. W. Scott	816	..	1	3	3	92
Charlotte Memorial Hospital [1]	Charlotte, N. C.	H. McKay	1,413	10	1	4	4	250
Duke University Hospital [1-3-328]	Durham, N. C.	E. P. Alyea	681	6	2	6	3	127
Watts Hospital [1-3]	Durham, N. C.	L. C. Roberts	674	5	1	3	2	175
North Carolina Baptist Hospital [1-3]	Winston-Salem, N. C.	F. K. Garvey	864	5	1	3	3	125
Akron City Hospital [1-3]	Akron, Ohio	W. A. Keltzer	907	18	1	3	3	250
Cincinnati General Hospital [1-3-289]	Cincinnati	T. B. Wayman	759	15	2	6	3	50
City Hospital [1-3]	Cleveland	H. R. Trattner	293	5	1	3	3	150
Cleveland Clinic Hospital [1-3]	Cleveland	C. C. Higgins	1,240	5	3	8	3	175
Huron Road Hospital [1-3]	Cleveland	V. C. Laughlin	576	7	1	2	3	210

Numerical and other references will be found on pages 387 through 390.

28. UROLOGY—Continued

NONFEDERAL

Name of Hospital	Location	Chief of Service	Inpatients Treated	Autopsies	First Year Residencies Offered [8]	Total Residencies Offered [8]	Length of Approved Program (Years)	Beginning Stipend (Month)
University Hospitals [1-3]	Cleveland	G. Austen, Jr.	752	..	..	3	2	125
Ohio State University Hospitals								
University Hospital [1-3]	Columbus, Ohio	W. N. Taylor	790	18	2	6	3	152
St. Vincent's Hospital [1-3-350]	Toledo, Ohio	E. A. Ockuly	1,167	10	1	3	3	275
University of Oklahoma Hospitals [1-3-352]	Oklahoma City	D. W. Branham	371	1	1	2	3	85
St. John's Hospital [1-3]	Tulsa, Okla.	B. H. Blocksom	909	8	1	4	3	175
St. Vincent's Hospital [1-3]	Portland, Ore.	G. F. Whitlock	1,148	15,528	1	2	2	275
University of Oregon Medical School Hospitals								
University of Oregon Medical School Hospitals and Clinics	Portland, Ore.	C. V. Hodges	402	14	1	4	3	100
Veterans Admin. Hospital [1-3]	Portland, Ore.	P. D. Paull	612	5	..	1	1	...
Allentown Hospital [1-3]	Allentown, Pa.	W. C. Masonheimer	608	13	1	1	2	225
Geo. F. Geisinger Memorial Hospital and Foss Clinic [1-3]	Danville, Pa.	W. I. Buchert	1,059	13	1	3	3	175
St. Vincent's Hospital	Erie, Pa.	E. Hess	1,086	13	1	4	3	100
Harrisburg Hospital	Harrisburg, Pa.	R. E. Allyn	681	5	..	1	3	250
Episcopal Hospital	Philadelphia	G. D. Shoup	444	5	1	2	3	150
Germantown Dispensary and Hospital [1-3]	Philadelphia	F. P. Massaniso	528	1	1	3	1	150
Graduate Hospital of the University of Pennsylvania [1-3]	Philadelphia	C. A. W. Uhle	238	5	1	1	1	...
Hahnemann Medical College and Hospital [3]	Philadelphia	E. W. Campbell	742	7	1	3	3	75
Hospital of the University of Pennsylvania [1-3]	Philadelphia	B. Hughes	953	14	1	4	3	125
Jefferson Medical College Hospital [1-3]	Philadelphia	T. R. Fetter	1,196	9	1	3	3	40
Lankenau Hospital [1-3]	Philadelphia	C. A. W. Uhle	447	3	..	..	2	...
Pennsylvania Hospital [1-3]	Philadelphia	L. B. Greene	521	5	2	2	3	20
Philadelphia General Hospital [1-3]	Philadelphia	L. E. McCrea	501	20	4	4	3	114
Presbyterian Hospital [1-3]	Philadelphia	F. G. Harrison, Sr.	295	..	1	1	2	150
Temple University Hospital [1-3]	Philadelphia	K. B. Conger	688	8	..	..	3	...
Allegheny General Hospital [1]	Pittsburgh	J. L. Hamilton	802	15	1	2	3	200
Mercy Hospital [1-3]	Pittsburgh	C. C. Altman	566	..	1	3	3	175
Pittsburgh Medical Center	Pittsburgh	J. J. Lee	418	2	1	4	3	125
Robert Packer Hospital [1-3]	Sayre, Pa.	W. Baurys	514	5	..	1	3	200
Mercy Hospital [1-3]	Wilkes-Barre, Pa.	P. P. Mayock	419	2	1	1	1	250
Wilkes-Barre General Hospital [1-3]	Wilkes-Barre, Pa.	W. J. Daw	790	6	1	2	2	225
Rhode Island Hospital [1-3]	Providence, R. I.	E. K. Landsteiner	826	15	1	2	3	100
Roper Hospital [1-3]	Charleston, S. C.	P. W. Sanders, Jr.	616	3	1	3	3	138
Orangeburg Regional Hospital [3]	Orangeburg, S. C.	L. P. Thackston	1,350	5	1	3	3	200
Baptist Memorial Hospital [1-3-389]	Memphis, Tenn.	H. D. Woodson	1,579	7	..	1	1	150
City of Memphis Hospitals [1-3]	Memphis, Tenn.	S. Raines	804	11	3	6	3	100
Vanderbilt University Hospital [1-3]	Nashville, Tenn.	C. E. Haines, Jr.	318	..	1	3	3	50
Parkland Memorial Hospital [1-3]	Dallas, Texas	H. M. Spence	351	17	1	3	3	50
University of Texas Medical Branch Hospitals [1-3]	Galveston, Texas	C. A. Hooks	651	4	1	3	3	100
Baylor University College of Medicine Affiliated Hospitals			....	..	..	..	3	...
Jefferson Davis Hospital [1-3]	Houston, Texas	J. R. Blundell	378	12	1	3	..	75
Methodist Hospital [1-3]	Houston, Texas	M. K. O'Heeron	498	2	..	1	..	220
St. Joseph's Hospital [3]	Houston, Texas	M. K. O'Heeron	734	3	1	1	..	175
Veterans Admin. Hospital [1-3]	Houston, Texas	H. Grabstald	610	20	..	3	..	...
Hermann Hospital [1-3-399]	Houston, Texas	C. M. Crigler	1,975	8	1	4	3	100
University of Vermont Affiliated Hospitals			....	..	..	..	3	...
De Goesbriand Memorial Hospital [1-3]	Burlington, Vt.	P. R. Powell	313	6	1	3	..	100
Mary Fletcher Hospital [1-3-412]	Burlington, Vt.	P. R. Powell	370	7	1	3	..	100
University of Virginia Hospital [1-3]	Charlottesville, Va.	S. A. Vest	579	4	2	4	3	50
Medical College of Virginia—Hospital Division [1-3-416]	Richmond, Va.	A. I. Dodson	915	7	1	3	3	75
King County Hospital Unit No. 1 (Harborview) [1]	Seattle	D. F. McDonald	412	18	..	1	3	125
La Crosse Lutheran Hospital [1-3]	La Crosse, Wis.	A. H. Gundersen	496	6	..	..	1	...
Madison General Hospital [1-3]	Madison, Wis.	A. P. Schoenenberger	820	9	1	1	3	150
University Hospitals [1-3]	Madison, Wis.	J. B. Wear	567	20	1	4	3	175
Milwaukee County Hospital [1-3]	Milwaukee	R. S. Irwin	734	16	..	2	3	207
San Juan City Hospital [1-3]	San Juan, P. R.	L. A. Sanjurjo	309	4	1	2	3	150

NUMERICAL AND OTHER REFERENCES

1. Appointments available to women applicants.
2. Appointments available to women applicants only.
3. Appointments available to graduates of foreign medical schools. Many of the hospitals which have indicated that they will accept graduates of medical schools outside the United States and Canada have special requirements that must be met before appointment is made, such as requirement of United States citizenship as a prerequisite for appointment to residency positions in federal hospitals. Details of these requirements can be secured directly from the hospitals concerned. It is also suggested that applicants from foreign schools communicate with the secretary of the appropriate state board of medical examiners regarding licensure requirements.
8. Includes fellowships.
9. Hospitals which through affiliations approved by the Residency Review Committee for Radiology offer complete three years of training in Radiology.
10. Douglas County Hospital, St. Catherine's Hospital, Medical School Dispensary, Omaha, Nebr.
11. Veterans Administration Hospital, Birmingham, Ala.
12. Children's Hospital, Birmingham, Ala.
13. Crippled Children's Hospital & Clinic, Birmingham, Ala.
14. John A. Andrew Memorial Hospital, Tuskegee Institute, Ala.
G. W. Hubbard Hospital, Nashville, Tenn.
15. John A. Andrew Memorial Hospital, Tuskegee Institute, Ala.
Freedmen's Hospital, Washington, D. C.
16. John A. Andrew Memorial Hospital, Tuskegee Institute, Ala.
17. University Hospital, Little Rock, Ark.
18. Veterans Administration Hospital, North Little Rock, Ark.
19. Valley Children's Hospital, Fresno, Calif.
20. Atascadero State Hospital, Atascadero, Calif.
Pacific State Hospital, Pomona, Calif.
21. Stanford University Hospital, San Francisco
23. Los Angeles County General Hospital, Los Angeles
Harbor General Hospital, Torrance, Calif.
24. Los Angeles County General Hospital, Los Angeles
25. Children's Hospital, Los Angeles
Los Angeles County General Hospital, Los Angeles
26. Children's Hospital, White Memorial Hospital, Los Angeles
27. Children's Hospital, Los Angeles
28. Glendale Sanitarium and Hospital, Glendale, Calif.
29. Rancho Los Amigos, Hondo, Calif.
30. Loma Linda Sanitarium and Hospital, Loma Linda, Calif.
31. Veterans Administration Hospital, Long Beach, Calif.
32. Olive View Sanatorium, Olive View, Calif.
33. St. John's Hospital, Santa Monica, Calif.
34. Harbor General Hospital, Torrance, Calif.
35. Veterans Administration Hospital, San Fernando, Calif.
36. Collis P. & Howard Huntington Memorial Hospital, Pasadena, Calif.
37. V. A. Mental Hygene Clinic
Los Angeles Psychiatric Service
Child Guidance Clinic
Los Angeles County Juvenile Hall, Children's Hospital
Psychiatric Clinic, Univ. of Calif. at L. A.
Reiss Davis Clinic for Child Guidance, Los Angeles
38. Norwalk State Hospital, Norwalk, Calif.
39. Pacific Colony, Pomona, Calif.
40. Pacific State Hospital, Pomona, Calif.
California Youth Authority, Norwalk, Calif.
V. A. Hospital, Los Angeles
Univ. of Calif. at Los Angeles, Los Angeles
41. Samuel Merritt Hospital, Oakland, Calif.
42. Highland Alameda County Hospital, Oakland, Calif.
43. V. A. Oakland, Calif., V. A. Mental Hygene Clinic, San Francisco, Calif.; State of Calif. Mental Hygenic Clinic, Berkeley, Calif.; San Mateo Child Guidance Clinic, Children's Hospital, San Francisco
44. Agnews State Hospital, Agnew, Calif., Berkeley State Mental Hygenic Clinic, Berkeley, Calif.; Univ. of Calif. Students' Health Service, Berkeley, Calif.; Napa State Hospital, Imola, Calif., Sonoma State Hospital, Eldridge, Calif.; San Quentin Prison, San Quentin, Calif.; Child Guidance Clinic of Children's Hospital, San Francisco, Calif.; San Francisco City & County Hospital, Univ. of Calif. Hospital, San Francisco
45. University of California Hospital, San Francisco
46. Training at the third year level only.
47. Stanford University Hospital, San Francisco
48. Langley Porter Clinic, San Francisco
49. Children's Hospital of the East Bay, Oakland, Calif.
Stanford Univ. Hospitals, San Francisco
50. San Jose Community Hospital, San Jose, Calif.
51. Veterans Administration Hospital, Los Angeles
52. Veterans Administration Hospital, Long Beach, Calif.
Veterans Administration Hospital, Los Angeles
53. Pueblo State Hospital, Pueblo, Colo.
54. Children's Hospital, Denver
55. Denver General Hospital, Denver
56. Denver General Hospital
Colorado Psychopathic Hospital, Denver
57. Colorado General Hospital,
Denver General Hospital,
Fitzsimons Army Hospital,
General Rose Hospital, Denver
58. Children's Hospital,
St. Luke's Hospital, Denver

59. Parkview Hospital, Pueblo, Colo.
60. Corwin Hospital, Pueblo, Colo.
61. Newington Home for Crippled Children,
Veterans Administration Hospital, Newington, Conn.;
J. J. McCook Memorial Hospital, Hartford, Conn.;
Beverly Hospital, Beverly, Mass.;
Holyoke Hospital, Holyoke, Mass.
62. Cedarcrest State Tuberculosis Hospital,
Veterans Administration Hospital, Newington, Conn.;
Uncas-on-Thames, Norwich, Conn.
63. Cedarcrest, Newington, Conn.;
Uncas-on-Thames, Norwich, Conn.;
Day-Kimball Hospital, Putnam, Conn.;
Johnson Memorial Hospital, Stafford Springs, Conn.
64. Veterans Administration Hospital, Newington, Conn.
65. Veterans Administration Hospital, Newington, Conn.;
State Veterans Home and Hospital, Rocky Hill, Conn.;
Memorial Hospital, New York, N. Y.
66. Grace-New Haven Community Hospital, New Haven, Conn.
67. Uncas-on-Thames State T. B. Sanatorium, Norwich, Conn.
68. Windham Community Memorial Hospital, Willimantic, Conn.
69. Southbury Training School, Southbury, Conn.
70. Laurel Heights Sanatorium, Shelton, Conn.
71. St. Charles Hospital, Port Jefferson, L. I., N. Y.
72. Hartford Hospital, Hartford, Conn.;
Cedarcrest Sanatorium, Newington, Conn.
73. Hartford Hospital, Hartford, Conn.
74. Stamford Hospital, Stamford, Conn.
75. Grace-New Haven Community Hospital, New Haven, Conn.
76. Hospital of St. Raphael's,
Grace-New Haven Community Hospital, New Haven, Conn.
77. Hospital for the Women of Maryland, Baltimore
78. Children's Hospital, Washington, D. C.
Suburban Hospital, Bethesda, Md.
79. District of Columbia General Hospital,
Georgetown University Hospital, Washington, D. C.
80. District of Columbia General Hospital, St. Elizabeth's Hospital,
Veterans Administration Hospital, Washington, D. C.;
Newton D. Baker Hospital, Martinsburg, W. Va.
81. Glen Dale Sanitarium, Washington, D. C.;
Children's Hospital, Pittsburgh
82. Children's Hospital, Washington, D. C.
83. District of Columbia General Hospital, Washington, D. C.
84. Georgetown University Hospital,
Armed Forces Institute of Pathology, Washington, D. C.
85. Walter Reed Army Hospital,
George Washington University Hospital, Washington, D. C.
86. Columbia Hospital, Washington, D. C.
87. Brewster Hospital, Jacksonville, Fla.
88. St. Francis Hospital, Miami Beach, Fla.
89. Variety Children's Hospital, Victoria Hospital, Miami, Fla.
90. Jackson Memorial Hospital,
National Children's Cardiac Hospital, Miami, Fla.
91. Eugene Talmadge Memorial Hospital,
University Hospital, Augusta, Ga.
92. Chicago Wesley Memorial Hospital, Chicago
93. University of Illinois Neuropsychiatric Institute,
Institute for Juvenile Research, Mental Health Center, Municipal Court, Passavant Hospital, Chicago Wesley Memorial Hospital, Chicago; Galesburg State Research Hospital, Galesburg, Ill.;
Jacksonville State Hospital, Jacksonville, Ill.
94. Presbyterian Hospital,
University of Illinois Research and Educational Hospitals, Chicago
95. Mercy Hospital,
St. Anne's Hospital,
St. Vincent's Infant & Maternity Hospital, Chicago
96. Municipal Tuberculosis Sanitarium, Chicago
97. St. Joseph's Hospital,
Lewis Memorial Hospital,
St. Vincent's Infant Hospital,
LaRabida Jackson Park Sanitarium, Municipal Contagious Disease Hospital, Chicago
98. Lewis Memorial Hospital,
St. Vincent's Infant & Maternity Hospital, Chicago
99. Chicago State Tuberculosis Hospital, Chicago
100. Chicago Maternity Center, Chicago
101. Drexel Home, Chicago
102. Veterans Administration Research Hospital, Chicago
103. Cook County Hospital, Chicago
104. V. A. Research Hospital, Chicago
V. A. Hospital, Hines, Ill.
105. Chicago Wesley Memorial Hospital,
Passavant Memorial Hospital,
Veterans Administration Research Hospital, Chicago
106. Passavant Memorial Hospital, Chicago
107. Passavant Memorial Hospital,
Rehabilitation Institute, Chicago
108. Municipal Contagious Disease Hospital, Chicago;
Veterans Admin. Hospital, Hines, Ill.
109. Veterans Admin. Hospital, Hines, Ill.
110. Chicago State Hospital and Institute for Juvenile Research, Chicago
111. Municipal Contagious Disease Hospital,
LaRabida Sanitarium, Chicago
112. Municipal Contagious Disease Hospital,
Presbyterian Hospital,
Veterans Admin. West Side Hospital, Chicago
113. St. Luke's Hospital, Chicago
114. Illinois Eye, Ear, Nose and Throat Hospital, Chicago
115. St. Elizabeth Hospital, Chicago
116. St. Vincent's Infant and Maternity Hospital,
Municipal Contagious Disease Hospital,
LaRabida Jackson Park Sanitarium,
Lewis Memorial Hospital,
Mercy Hospital, Chicago
117. University of Illinois Research and Educational Hospitals, Chicago
118. Chicago Wesley Memorial Hospital,
Passavant Memorial Hospital,
Veterans Admin. Research Hospital,
Children's Memorial Hospital, Chicago
119. Henrotin Hospital,
Presbyterian Hospital,
Veterans Admin. West Side Hospital, Chicago
120. Presbyterian Hospital, Chicago
121. Silver Cross Hospital Joliet, Ill.
122. Indiana University Medical Center, Indianapolis
123. Veterans Admin. Cold Springs Hospital, Indianapolis
124. LaRue D. Carter Memorial Hospital, Indianapolis
125. Veterans Admin. Hospital, Indianapolis.
126. Indianapolis General Hospital, Indianapolis
127. Free Hospital for Women, Boston
128. Broadlawns Polk County Hospital, Des Moines, Iowa
129. Des Moines Child Guidance Center, Des Moines, Iowa
130. University Hospitals, Iowa City, Iowa
131. V. A. Mental Hygiene Clinic,
C. F. Menninger Memorial Hospital, Topeka, Kan.
132. Children's Mercy Hospital,
St. Luke's Hospital, Kansas City, Mo.
133. Research Hospital, Veterans Admin. Hospital, Kansas City, Mo.
134. Children's Hospital, Louisville, Ky.
135. Kentucky Baptist Hospital, Louisville, Ky.
136. Children's Hospital,
Veterans Admin. Hospital, Louisville, Ky.
137. Children's Hospital,
Jewish Hospital,
Kentucky Baptist Hospital, Louisville, Ky.
138. St. Joseph's Hospital, Lexington, Ky.
139. Children's Hospital,
Norton Memorial Hospital, Louisville, Ky.
140. Sacred Heart Hospital, Yankton, S. Dak.
141. May include one year of surgical research at Louisiana State University School of Medicine.
142. Charity Hospital—Tulane Service, New Orleans
143. Crippled Children's Hospital, New Orleans
144. Veterans Admin. Hospital, New Orleans
Huey P. Long Charity Hospital, Pineville, La.
145. Charity Hospital, New Orleans
146. Charity Hospital,
Louisiana State Unit, New Orleans
147. Charity Hospital, Tulane Unit Service,
Lousiana State Univ. Unit, New Orleans
148. Touro Infirmary, New Orleans
149. Augusta State Hospital, Augusta, Maine,
Redington Memorial Hospital, Skowhegan, Maine,
Thayer Hospital, Waterville, Maine
150. Ochsner Foundation Hospital, New Orleans
151. Union Memorial Hospital, Baltimore
152. Mount Wilson T. B. Sanitarium,
Veterans Administration Hospital, Baltimore
153. U. S. Public Health Service Hospital,
Veterans Admin. Hospital, Baltimore
154. Inlow Clinic, Shelbyville, Ind.
155. Johns Hopkins Hospital,
Baltimore City Hospital, Baltimore
156. Mount Pleasant Hospital, Baltimore
157. Johns Hopkins Hospital, Baltimore
158. Veterans Admin. Hospital, Fort Howard, Md.
Veterans Admin. Hospital, Baltimore
159. Baltimore City Hospitals,
Mercy Hospital, Baltimore
160. St. Agnes Hospital, Baltimore
161. Children's Hospital,
Roswell Park Memorial Hospital, Buffalo
162. Douglas A. Thom Clinic for Children,
Massachusetts General Hospital,
Veterans Admin. Hospital,
V. A. Mental Hygiene Clinic,
Boston, Mass.;
James Jackson Putnam Children's Center, Roxbury, Mass.
163. Peter Bent Brigham Hospital, Boston
164. Boston City Hospital, Boston
Soldiers Home, Chelsea, Mass.
165. Massachusetts General Hospital, Boston
166. Pondville State Hospital, Pondville, Mass.
167. Free Hospital for Women, Brookline, Mass.
168. Lawrence Quigley Memorial Hospital, Chelsea, Mass.
169. Lahey Clinic, Boston
170. Salem Hospital, Salem, Mass.;
Lynn Hospital, Lynn, Mass.;
Middlesex Sanitarium, Waltham, Mass.
171. Salem Hospital, Salem, Mass.
172. Providence Lying-in Hospital, Providence, R. I.
Charity Hospital, New Orleans, La.
Boston Lying-in Hospital, Boston
173. Lemuel G. Shattuck Hospital, Boston
174. New England Baptist Hospital, New England Deaconess Hospital, Parker Hill Med. Center, Robert Breck Brigham Hospital, Boston;
Booth Memorial Hospital, Brookline, Mass.
175. Children's Medical Center, Boston
176. Boston Psychopathic Hospital, Boston;
Taunton State Hospital, Taunton, Mass.
177. New England Deaconess Hospital, Boston
178. Boston Sanatorium, Boston;
Truesdale Hospital, Fall River, Mass.;
Framingham Union Hospital, Framingham, Mass.;
Westfield State Sanatorium, Westfield, Mass.;
Veterans Admin. Hospital, Providence, R. I.
179. Boston City Hospital, Boston
180. Eastern Maine General Hospital, Bangor, Maine;
Veterans Admin. Hospital, Boston City Hospital, Boston Floating Hospital, Boston Dispensary, Boston, Mass.;
Burbank Memorial Hospital, Fitchburg, Mass.
181. Boston Lying-in Hospital, Boston
182. Sun Valley Hospital, Sun Valley, Idaho;
Burbank Hospital, Fitchburg, Mass.;
Pondville Hospital, Walpole, Mass.;
V. A. Hospital, West Roxbury, Mass.
183. New England Deaconess Hospital, Boston,
Veterans Admin. Hospital, West Roxbury, Mass.
184. New England Deaconess Hospital,
Children's Hospital, Boston
Pondville Hospital, Walpole, Mass.
185. Veterans Admin. Hospital, West Roxbury, Mass.
186. Soldiers' Home, Chelsea, Mass.
187. Evans Memorial Hospital,
Haynes Memorial Hospital,
Mass. General Hospital, Boston
188. New England Center Hospital, Boston
Cambridge City Hospital, Cambridge, Mass.
189. Lakeville State Sanatorium, Middleboro, Mass.
190. Newport Hospital, Newport, R. I.
191. Children's Hospital,
Herman Kiefer Hospital,
Detroit Receiving Hospital,
Detroit Industrial Hospital, Detroit
192. Herman Kiefer Hospital, Detroit
193. Detroit Receiving Hospital, Detroit
194. Wayne County General Hospital, Eloise, Mich.
195. Herman Kiefer Hospital,
Detroit Memorial Hospital, Detroit
196. Children's Hospital, Detroit

197. Receiving Hospital, Detroit
198. Woman's Hospital, Detroit
199. Veterans Admin. Hospital, Dearborn, Mich.;
Detroit Receiving Hospital,
Woman's Hospital, Oakwood Hospital,
Sinai Hospital, Detroit
200. Herman Kiefer Hospital, Detroit;
Veterans Admin. Hospital, Dearborn, Mich.
201. Children's Hospital,
Herman Kiefer Hospital,
Kresge Eye Institute,
Detroit, Mich.;
Veterans Admin. Hospital, Dearborn, Mich.
202. Veterans Admin. Hospital, Dearborn, Mich.
203. Henry Ford Hospital, Detroit
204. Veterans Admin. Hospital, Dearborn, Mich.;
Detroit Memorial Hospital,
Herman Kiefer Hospital, Detroit
205. Veterans Admin. Hospital, Dearborn, Mich.;
Herman Kiefer Hospital,
Children's Hospital, Detroit
206. Veterans Admin. Hospital, Dearborn, Mich.;
Detroit Memorial Hospital,
Woman's Hospital,
Beaumont Hospital,
Sinai Hospital,
Herman Kiefer Hospital, Detroit
207. University of Minnesota Hospitals, Minneapolis, Minn.;
Ancker Hospital, St. Paul, Minn.
208. University of Minnesota Hospitals, Minneapolis, Minn.
209. Children's Mercy Hospital, Kansas City, Mo.
210. Minneapolis General Hospital,
Mt. Sinai Hospital,
Minneapolis, Minn.;
Ancker Hospital, St. Paul, Minn.
211. Kenny Institute,
Minneapolis General Hospital, Minneapolis;
Ancker Hospital,
Children's Hospital, St. Paul, Minn.
212. Minneapolis General Hospital,
Veterans Admin. Hospital,
Minneapolis, Minn.;
Ancker Hospital, St. Paul, Minn.
213. Anoka State Hospital, Anoka, Minn.;
Minneapolis Hospital,
Veterans Admin. Hospital, Minneapolis;
Ancker Hospital, St. Paul, Minn.
214. Veterans Admin. Hospital, Minneapolis
215. Minneapolis General Hospital,
Veterans Administration Hospital, Minneapolis;
Ancker Hospital,
Chas. T. Miller Hospital, St. Paul, Minn.
216. Veterans Administration Hospital, Minneapolis;
Ancker Hospital,
Chas. T. Miller Hospital,
St. Joseph's Hospital, St. Paul, Minn.
217. Maternity Hospital, Minneapolis
218. Minneapolis General Hospital,
Veterans Admin. Hospital,
Minneapolis, Minn.
219. University of Kansas Medical Center, Kansas City, Kan.
220. Veterans Admin. Hospital,
Wadsworth Kansas;
Research Hospital, Kansas City, Mo.
221. Kansas City General Hospital No. 1,
St. Luke's Hospital, Kansas City, Mo.
222. St. Louis City Hospital, St. Louis
223. St. Louis Maternity Hospital, St. Louis
224. St. Louis City Hospital, St. Louis
225. St. Louis City Hospital,
Veterans Admin. Hospital, St. Louis
226. Ellis Fischel Hospital, Columbia, Mo.;
St. Louis City Hospital,
Veterans Admin. Hospital, St. Louis
227. St. Louis County Hospital, Clayton, Mo.
228. St. Mary's Infirmary, St. Louis
229. St. Louis City Hospital,
St. Louis State Hospital, St. Louis
230. St. Mary's Hospital, Firmin Desloge Hospital,
Barnes Hospital, St. Louis City Hospital, St. Louis
231. St. Louis City Hospital,
St. Mary's Hospital, St. Louis
232. Bliss Psychopathic Hospital,
Veterans Admin. Hospital,
Jefferson Barracks, Mo.;
Mental Hygiene Clinic,
Community Child Guidance Clinic of Wash. University,
St. Louis
233. Bryan Memorial Hospital,
Lincoln General Hospital, Lincoln, Nebr.
234. Nebraska Psychiatric Institute, Omaha
235. Bishop Clarkson Hospital, Omaha
236. Methodist Hospital, Omaha
237. Veterans Administration Hospital, Omaha
238. Children's Memorial Hospital, Omaha
239. Immanuel Deaconess Hospital,
Offut Air Force Base, Omaha;
Lincoln General Hospital, Lincoln, Nebr.
240. Creighton Memorial-St. Joseph Hospital,
University of Nebraska Hospital, Omaha
241. Veterans Admin. Hospital, Lyons, N. J.;
Babies Hospital-Coit Memorial, Newark, N. J.;
Diagnostic Center, Menlo Park, N. J.
242. St. Vincent's Hospital, New York City
243. Memorial Center,
Mount Sinai Hospital, New York City
244. New Jersey State Hospital, Greystone Park, N. J.;
Jewish Child Guidance Clinic, Newark, N. J.
245. New Jersey Diagnostic Center, Menlo Park, N. J.
246. Valley View Sanatorium, Paterson, N. J.
247. Albany Hospital, Albany, N. Y.
248. Kingston Avenue Hospital, Brooklyn, N. Y.
249. John E. Jennings Hospital, Brooklyn, N. Y.
250. Long Island College Hospital, Brooklyn, N. Y.
251. Veterans Admin. Hospital, Castle Point, N. Y.
252. Kings County Hospital, Brooklyn, N. Y.
253. Maimonides Hospital, Brooklyn, N. Y.
254. Long Island Jewish Hospital, New Hyde Park, N. Y.
255. Seaview Hospital, Staten Island, N. Y.
256. Children's Hospital, Buffalo
257. E. J. Meyer Memorial Hospital,
Roswell Park Memorial Institute, Buffalo
258. Children's Hospital, Roswell Park Memorial Hospital, Buffalo
259. E. J. Meyer Memorial Hospital, Buffalo
260. Children's Hospital,
Veterans Admin. Hospital, Buffalo;
J. N. Adam Memorial Hospital, Perrysburg, N. Y.
261. Roswell Park Memorial Institute, Buffalo
262. Sisters of Charity Hospital, Buffalo
263. Buffalo Eye and Ear Hospital, Buffalo
264. Buffalo General Hospital,
Children's Hospital, Buffalo
265. Buffalo General Hospital,
Children's Hospital, Buffalo;
J. N. Adam Memorial Hospital, Perrysburg, N. Y.
266. Buffalo General Hospital,
Children's Hospital,
E. J. Meyer Memorial Hospital,
Roswell Park Memorial Institute, Buffalo
267. Brooklyn Juvenile Guidance Center, Brooklyn, N. Y.;
Mount Sinai Hospital, New York City
268. Flower and Fifth Avenue Hospital, New York City
269. Bellevue Hospital Center, New York City
270. Hospital for Joint Diseases, New York City
271. Triboro Hospital, Jamaica, N. Y.
272. Payne Whitney Clinic (New York Hospital) New York City
273. Montefiore Hospital, New York City
274. In addition to the three year program at Bellevue Medical Center, Division I, another program has been approved for two years of training which includes rotation on the following services:
Columbia University Division and Medical Chest Service, Bellevue Hospital;
Columbia Research Division, Goldwater Memorial Hospital, Medical Service, Francis Delafield Hospital
275. University Hospital, Veterans Admin. Hospital (Manhattan), New York City
276. Riverside Hospital, University Hospital, Veterans Admin. Hospital and Veterans Clinic, New York City
277. Goldwater Memorial Hospital,
Institute of Physical Medicine and Rehabilitation, New York City
278. University Hospital, New York City
279. Central Islip State Hospital, Central Islip, N. Y.;
University Hospital,
Veterans Admin. Hospital (Manhattan), New York City
280. Meadowbrook Hospital, Hempstead, N. Y.;
University Hospital,
Veterans Admin. Hospital (Manhattan), New York City; New York State Rehabilitation Hospital, West Haverstraw, N. Y.
281. Strong Memorial-Rochester Municipal Hospitals, Rochester, N. Y.
282. Beekman Hospital, Gouverneur Hospital, Knickerbocker Hospital, University Hospital, Veterans Admin. Hospital (Manhattan), New York, N. Y.; Easton Hospital, Easton, Pa.
283. St. Vincent's Hospital,
University Hospital, New York City
284. Goldwater Memorial Hospital, Gouverneur Hospital, New York City; Triborough Hospital, Jamaica, N. Y.
285. Presbyterian Hospital, New York City
286. French Hospital, New York City
287. Mount Sinai Hospital, New York City
288. Training in pediatric psychiatry (third year level).
289. Central Dispensary and Emergency Hospital, Washington, D. C.;
Harlem Hospital,
Morrisania Hospital, New York, N. Y.
290. Jewish Hospital, Brooklyn, N. Y.
291. New York Hospital, New York, N. Y.
292. Beekman Downtown Hospital, New York, N. Y.
293. Memorial Hospital,
Hospital for Special Surgery, New York, N. Y.
294. Hospital for Special Surgery, New York, N. Y.
295. Charles V. Chapin Hospital, Providence, R. I.
296. Creedmoor Institute for Psychologic Studies,
N. Y. State Psychiatric Institute,
Mount Sinai Hospital, New York, N. Y.
297. New York State Psychiatric Institute, New York, N. Y.
298. Margaret Hague Hospital, Jersey City, N. J.
299. Gouverneur Hospital, New York, N. Y.
300. North Shore Hospital, Manhasset, L. I., N. Y.
301. Grasslands Hospital, Valhalla, N. Y.
302. Veterans Admin. Hospital, Sunmount, N. Y.
303. Bronx Municipal Hospital Center, New York, N. Y.
304. Mt. Sinai Hospital, Jewish Board of Guardians, New York, N. Y.
305. Neurological Institute, New York, N. Y.
306. Psychiatric Institute, New York, N. Y.;
Syracuse Psychopathic Hospital, Syracuse, N. Y.
307. Albany Hospital, Albany, N. Y.;
Psychiatric Institute, New York, N. Y.;
Rockland State Hospital, Orangeburg, N. Y.;
Letchworth Village, Thiells, N. Y.;
Grasslands Hospital, Valhalla, N. Y.
308. Payne Whitney Psychiatric Clinic of New York Hospital,
Neurological Institute,
Montefiore Hospital, New York City;
Grasslands Hospital, Valhalla, N. Y.
309. Strong Memorial Hospital, Rochester, N. Y.
310. Park Avenue Hospital, Rochester, N. Y.
311. Highland Hospital, Rochester, N. Y.;
Veterans Admin. Hospital, Batavia, N. Y.
312. Genesee Hospital, Rochester, N. Y.
313. New York Psychiatric Institute, New York, N. Y.;
Strong Memorial Hospital, Rochester, N. Y.
314. Rochester State Hospital, Rochester, N. Y.
315. St. Michael Hospital, Newark, N. J.
316. St. Luke's Hospital, New York, N. Y.
317. Richmond Boro Hospital, Staten Island, N. Y.
318. Columbia-Presbyterian Med. Center, New York, N. Y.
319. State University of New York Medical Center, Syracuse, N. Y.
320. Charlotte Memorial Hospital, Charlotte, N. C.;
Lincoln Hospital,
Watts Hospital, Durham, N. C.;
Warm Springs Foundation, Warm Springs, Ga.
321. Charity Hospital, New Orleans, La.;
Watts Hospital, Durham, N. C.
322. Veterans Admin. Hospital, Durham, N. C.;
Veterans Admin. Hospital, Roanoke, Va.
323. Veterans Admin. Hospital, Durham, N. C.
324. Watts Hospital, Durham, N. C.

325. N. C. Sanatorium, Black Mountain, N. C.;
Guilford County Sanatorium, Jamestown, N. C.
326. North Carolina Sanatorium, Black Mountain, N. C.
327. Children's Hospital, Akron, Ohio
328. Chicago Lying-in Hospital, Chicago, Ill.
329. Veterans Admin. Hospital, Cincinnati, Ohio
330. Drake Hospital,
Veterans Admin. Hospital,
Holmes Hospital,
Dunham Hospital, Cincinnati, Ohio
331. Drake Hospital,
Children's Hospital,
Holmes Hospital,
Dunham Hospital,
Veterans Admin. Hospital, Cincinnati, Ohio
332. Good Samaritan Hospital,
Christ Hospital,
Veterans Admin. Hospital, Cincinnati, Ohio
333. Child Guidance Home,
Jewish Hospital,
Longview State Hospital,
Veterans Admin. Hospital, Cincinnati, Ohio
334. Cincinnati General Hospital,
St. Mary's Hospital, Cincinnati, Ohio
335. Cincinnati General Hospital, Cincinnati, Ohio
336. Mother Margaret Hall, Mt. St. Joseph, Ohio
337. Longview State Hospital, Cincinnati, Ohio
338. Sunny Acres, Cleveland, Ohio
339. Cleveland City Hospital,
Veterans Admin. Hospital, Cleveland, Ohio
340. Cleveland City Hospital, Cleveland, Ohio
341. University Hospitals, Cleveland, Ohio
342. Veterans Admin. Hospital, Brecksville, Ohio
343. City Hospital,
University Hospital, Cleveland, Ohio
344. Florence Crittenton Home, St. Ann's Hospital for Women,
Columbus, Ohio
345. Children's Hospital, Columbus, Ohio
346. Juvenile Diagnostic Center, Columbus, Ohio
347. Mount Carmel Hospital, Columbus, Ohio
348. Columbus Receiving Hospital, Columbus, Ohio
349. Ohio Tuberculosis Hospital, Columbus, Ohio
350. Maumee Valley Hospital, Toledo, Ohio
351. Central State Hospital, Norman, Okla.;
University Hospitals,
Veterans Admin. Hospital, Oklahoma City, Okla.
352. University Hospitals,
Veterans Admin. Hospital, Oklahoma City, Okla.
353. Mercy Hospital, Oklahoma City, Okla.
354. University Hospitals
Wesley Hospital, Oklahoma City, Okla.
355. Central State Hospital, Norman, Okla.:
University Hospitals, Oklahoma City, Okla.
356. University of Oklahoma Hospitals, Oklahoma City, Okla.
357. St. Vincent's Hospital, Portland, Oregon
358. Oregon State Hospital,
Fairview Home, Oregon State Penitentiary Infirmary, Salem, Ore.
359. Good Samaritan Hospital, Portland, Ore.
360. Veterans Administration Hospital, Portland, Ore.
361. City of Portland Isolation Hospital, Portland, Ore.
362. University of Oregon Medical School Hospital & Clinics,
Portland, Ore.
363. Providence Hospital, Portland, Ore.
364. Norristown State Hospital, Norristown, Pa.
365. Children's Hospital,
Institute of the Pennsylvania Hospital,
University of Pennsylvania Hospital,
Veterans Administration Mental Hygiene Clinic, Philadelphia, Pa.
366. Children's Service Center of Wyoming Valley, Wilkes-Barre, Pa.;
Governor Bacon Health Center, Delaware City, Delaware;
Delaware State Hospital, Farnhurst, Delaware
367. Graduate Hospital of the University of Pennsylvania,
Philadelphia General Hospital, Philadelphia, Pa.
368. Children's Hospital, Philadelphia, Pa.
369. Our Lady of Lourdes Hospital, Camden, N. J.:
Lankenau Hospital, Philadelphia, Pa.
370. Jefferson Hospital, Municipal Hospital, Philadelphia, Pa.
371. Hospital of the University of Pennsylvania, Philadelphia, Pa.
372. Philadelphia General Hospital, Philadelphia, Pa.
373. Hahnemann Medical College Hospital,
Jefferson Medical College Hospital,
Hospital of the University of Pennsylvania,
Temple University Hospital,
Pennsylvania Hospital,
Woman's Medical College Hospital, Philadelphia, Pa.
374. Children's Hospital, Philadelphia General Hospital, Philadelphia, Pa.
375. Hospital of the University of Pennsylvania,
St. Christopher's Hospital for Crippled Children, Philadelphia, Pa.
376. Shriners Hospital for Crippled Children, Philadelphia, Pa.
377. Western Pennsylvania Hospital, Pittsburgh, Pa.
378. Allegheny General Hospital,
Children's Hospital, Pittsburgh, Pa.
379. Western Psychiatric Institute & Clinic, Pittsburgh, Pa.
380. Boston Children's Hospital,
Boston Lying-in Hospital, Boston, Mass.
381. Boston Children's Hospital, Boston, Mass;
Emma Pendleton Bradley Home,
Providence Lying-in Hospital, Providence, R. I.
382. Boston City Hospital,
Massachusetts Memorial Hospital, Boston, Mass.
383. Charleston County Tuberculosis Hospital, Charleston, S. Car.
384. Roper Hospital, Charleston, S. Car.
385. East Tennessee T. B. Hospital, Knoxville, Tenn.
386. East Tennessee Children's Hospital,
Knoxville General Hospital, Knoxville, Tenn.
387. Gailor Psychiatric Hospital,
West Tennessee T. B. Hospital, Memphis, Tenn.
388. Crippled Children's Hospital School, Hospital for
Crippled Adults.
John Gaston Hospital, Memphis, Tenn.
389. John Gaston Hospital, Memphis, Tenn.
390. West Tennessee T. B. Hospital,
West Tennessee Cancer Clinic, Memphis, Tenn.
391. Le Bonheur Children's Hospital, Memphis, Tenn.
392. Methodist Hospital, Memphis, Tenn.
393. Vanderbilt University Hospital, Nashville, Tenn.
394. State Hospital, Austin, Texas
395. Baylor University Hospital, Dallas, Texas
396. Gaston Hospital, Dallas, Texas
397. Children's Medical Center, Dallas, Texas
398. Parkland Memorial Hospital, Dallas, Texas
399. Southern Pacific Hospital,
University of Texas M. D. Anderson Hospital & Tumor Institute,
Houston, Texas
400. Houston Tuberculosis Hospital, Houston, Texas
401. Jefferson Davis Hospital,
Veterans Administration Hospital, Houston, Texas
402. Hermann Hospital, Houston, Texas
403. St. Joseph's Hospital, Houston, Texas
404. University of Texas M. D. Anderson Hospital & Tumor Institute,
Houston, Texas
405. Gaston Hospital,
Parkland Memorial Hospital, St. Paul Hospital,
Texas Children's Hospital, Dallas, Texas
406. Crippled Children's Hospital, Oklahoma City, Okla.
407. San Antonio State Tuberculosis Hospital, San Antonio, Texas
408. Salt Lake County General Hospital, Salt Lake City, Utah
409. Salt Lake General Hospital,
Veterans Administration Hospital (Fort Douglas Division),
Salt Lake City, Utah
410. Holy Cross Hospital, Salt Lake City, Utah
411. Salt Lake County General Hospital,
Veterans Admin. Hospital (12th Street Division),
Salt Lake City, Utah
412. DeGoesbriand Memorial Hospital, Burlington, Vermont
413. Children's Medical Center, Boston, Mass.;
DeGoesbriand Memorial Hospital, Burlington, Vt.
414. Children's Orthopedic Hospital, Seattle, Washington
415. Sheltering Arms Hospital, Richmond ,Va.
416. Veterans Admin. Hospital, Richmond, Va.
417. Veterans Admin. Hospital, Roanoke, Va.
418. Piedmont Sanatorium, Burksville, Va.;
Catawba Sanatorium, Catawba, Va.:
Blue Ridge Sanatorium, Charlottesville, Va.
419. University of Virginia Hospital, Charlottesville, Va.
420. Medical College of Virginia, Hospital Division, Richmond, Va.
421. Louise Obici Memorial Hospital, Suffolk, Va.
422. Children's Orthopedic Hospital, Seattle, Washington
423. Children's Orthopedic Hospital,
Child Health Center, Univ. of Washington, Seattle, Wash.
424. Firland Sanatorium, Seattle, Washington
425. Chicago Lying-in Hospital, Chicago, Ill.
426. Veterans Admin. Hospital, Madison, Wis.
427. Wisconsin General Hospital, Madison, Wis.
428. Mount Sinai Hospital, Milwaukee, Wis.
429. Columbia Hospital, Milwaukee Hospital,
Veterans Admin. Hospital, Milwaukee, Wisconsin
430. Veterans Admin. Hospital, Wood, Wis.
431. Milwaukee County General Hospital, Milwaukee, Wis.
432. Columbia Hospital,
Muirdale Sanatorium, Milwaukee, Wis.
433. Milwaukee Hospital, Milwaukee, Wis.
434. Milwaukee Children's Hospital, Milwaukee, Wis.
Veterans Admin. Hospital, Wood, Wis.
435. Milwaukee Children's Hospital, Milwaukee, Wis.
436. Columbia Hospital,
Milwaukee Children's Hospital, Milwaukee, Wis.
437. Milwaukee County Hospital,
Milwaukee County Dispensary, Milwaukee, Wis.
438. Milwaukee Children's Hospital,
Columbia Hospital,
Milwaukee Hospital, Milwaukee, Wis.
439. Leahi Hospital, Honolulu, T. H.
440. Territorial Hospital, Kaneohe, T. H.
441. An additional one year of fellowship training in cardio-pulmonary laboratory is available.
442. This one year of training is equivalent to one year of basic science as a part of an approved three year program.
443. Approved for affiliate training only.
444. May include one year fellowships in the Department of Cardiology.
445. Lallie Kemp Charity Hospital, Independence, La.
446. Huey P. Long Charity Hospital, Pineville, La.
447. Georgia Warm Springs Foundation, Warm Springs, Ga.
448. Southeast Louisiana Hospital, Mandeville, La.
449. Veterans Admin. Hospital, New Orleans, La.
450. Shriners Hospital for Crippled Children,
Veterans Admin. Hospital, Minneapolis, Minn.;
Ancker Hospital, Gillette Hospital for Crippled
Children, St. Paul, Minn.
451. Veterans Admin. Research Hospital, Chicago, Ill.
452. Illinois Eye and Ear Infirmary, Chicago;
John A. Andrew Mem'l Hospital, Tuskegee Institute,
Alabama.
453. Veterans Admin. Hospital, Ann Arbor, Michigan
454. Milwaukee County General Hospital, Wauwatosa, Wis.;
Milwaukee County Hospital Dispensary Service,
Milwaukee Children's Hospital, Milwaukee County Hospital for Mental Diseases and Muirdale (T. B.)
Sanatorium, Milwaukee, Wis.
455. May include one year fellowship in cardio-pulmonary laboratory work.
456. St. Agnes Hospital, White Plains, New York.
457. St. Francis General Hospital, Veterans Admin. Hospital,
Western Pennsylvania Hospital, Pittsburgh, Pa.
458. Formerly New York City Hospital, New York, N. Y.
459. Kaiser Foundation Hospital, San Francisco, Calif.
460. Combined integrated program—Bellevue Div. II
(Cornell and Memorial Cancer Center)
461. Training limited to contagious diseases.
462. Emergency, Episcopal and Garfield Hospitals are moving into one new hospital on 5/1/57 which will be the Washington Hospital Center.
463. Apply: Chief of Clinical Service at Colorado General Hospital, University of Colorado Medical Center, 4200 East 9th Avenue, Denver 20, Colo.
464. Univ. of Texas coordinates program of three years' duration.
465. Baltimore City Hospital, Baltimore, Md.
466. Lutheran Hospital, Omaha, Nebr.
467. Hastings State Hospital, Hastings, Minn.
468. Rochester State Hospital, Rochester, Minn.
469. Veterans Admin. Hospital, Battle Creek, Mich.
470. Nopeming Sanatorium, Nopeming, Minn.
471. Veterans Admin. Hospital, Hines, Ill.;
Chicago State Hospital, Chicago, Ill.

HOSPITALS APPROVED FOR RESIDENCY TRAINING

Number of Hospitals, 1,211, Number of Programs, 5,186

Name of Hospital	Location	Approved Residencies
Birmingham Baptist Hospital *	Birmingham, Ala.	Path., Rad.
Carraway Methodist Hospital *	Birmingham, Ala.	Int. Med., Obst., Path., Surg., Urol.
Children's Hospital	Birmingham, Ala.	Ped.
University Hospital and Hillman Clinic*	Birmingham, Ala.	Anes., Derm. Syph., Int. Med., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Urol.
Veterans Admin. Hospital	Birmingham, Ala.	Int. Med., Ophth., Ortho. Surg., Path., Rad., Surg., Urol.
Lloyd Noland Hospital *	Fairfield, Ala.	Anes., Derm., Syph., Int. Med., Ob.-Gyn., Ortho, Surg., Path., Ped., Surg.,
Mobile County Hospital *	Mobile, Ala.	Int. Med., Ortho. Surg., Path., Ped., Surg.
Veterans Admin. Hospital	Tuskegee, Ala.	Int. Med., Ophth., Psych., Rad., Surg.
Good Samaritan Hospital *	Phoenix, Ariz.	Gen'l Pract., Ob.-Gyn., Surg.
Maricopa County General Hospital *	Phoenix, Ariz.	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Ped., Pul. Dis., Surg.
St. Joseph's Hospital *	Phoenix, Ariz.	Int. Med., Ob.-Gyn., Ped., Surg.
St. Mary's Hospital and Sanatorium *	Tucson, Ariz.	Gen'l Pract., Int. Med., Surg.
Tucson Medical Center *	Tucson, Ariz.	Int. Med., Surg.
Arkansas Baptist Hospital *	Little Rock, Ark.	Ophth., Path., Surg.
Arkansas Children's Hospital	Little Rock, Ark.	Ortho. Surg
Arkansas State Hospital	Little Rock, Ark.	Psych.
St. Vincent Infirmary *	Little Rock, Ark.	Anes.
University Hospital *	Little Rock, Ark.	Anes., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg., Urol.
Veterans Admin. Hospital	Little Rock, Ark.	Int. Med., Path., Surg.
Veterans Admin. Hospital	North Little Rock, Ark.	Psych.
St. Michael's Hospital	Texarkana, Ark.	Gen'l Pract.
Agnews State Hospital	Agnew, Calif.	Psych.
General Hospital of Riverside County *	Arlington, Calif.	Gen'l Pract., Int. Med., Surg.
Kern General Hospital	Bakersfield, Calif.	Gen'l Pract., Int. Med., Path., Ped., Rad., Surg.
Herrick Memorial Hospital *	Berkeley, Calif.	Int. Med., Ob.-Gyn., Path., Psych., Rad., Surg.
St. Joseph Hospital	Burbank, Calif.	Path.
Camarillo State Hospital	Camarillo, Calif.	Psych.
Compton Sanitarium	Compton, Calif.	Psych.
U. S. Naval Hospital *	Corona, Calif.	Ob.-Gyn.
City of Hope Medical Center	Duarte, Calif.	Int. Med., Mal. Dis., Path., Pul. Dis., Thor. Surg.
San Joaquin General Hospital *	French Camp, Calif.	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
General Hospital of Fresno County *	Fresno, Calif.	Int. Med., Ob.-Gyn., Ophth., Ped., Rad., Surg.
Glendale Sanitarium and Hospital *	Glendale, Calif.	Int. Med., Ob.-Gyn., Path., Surg.
Napa State Hospital	Imola, Calif.	Psych.
Arroyo-Del Valle Sanatorium	Livermore, Calif.	Pul. Dis.
Loma Linda Sanitarium and Hospital *	Loma Linda, Calif.	Path.
St. Mary's Long Beach Hospital *	Long Beach, Calif.	Gen. Prac.
Seaside Memorial Hospital *	Long Beach, Calif.	Int. Med., Obst., Path., Ped., Rad., Surg.
Veterans Admin. Hospital *	Long Beach, Calif.	Allergy, Card. Dis., Derm. Syph., Gastro., Int. Med., Neur., Neuro. Surg., Ophth., Ortho. Surg., Path., Psych., Rad., Surg., Urol.
Barlow Sanatorium	Los Angeles	Pul. Dis.
California Babies' and Children's Hospital	Los Angeles	Ped.
California Hospital *	Los Angeles	Int. Med., Ob.-Gyn., Path., Surg.
Cedars of Lebanon Hospital *	Los Angeles	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Children's Hospital *	Los Angeles	Ortho. Surg., Path., Ped.
Hospital of the Good Samaritan *	Los Angeles	Int. Med., Ob.-Gyn., Path., Rad., Surg.
Kaiser Foundation Hospital	Los Angeles	Ob.-Gyn., Rad.
Los Angeles County General Hospital *	Los Angeles	Anes., Derm. Syph., Gen'l Pract., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Phys. Med., Psych., Rad., Surg., Urol.
Los Angeles Eye and Ear Hospital	Los Angeles	Ophth., Otol.
Orthopedic Hospital	Los Angeles	Ortho. Surg.
Presbyterian Hospital-Olmsted Memorial *	Los Angeles	Int. Med., Mal. Dis., Ob.-Gyn., Rad., Urol.
Queen of Angels Hospital *	Los Angeles	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
St. Vincent's Hospital *	Los Angeles	Int. Med., Path., Surg.
Santa Fe Coast Lines Hospital *	Los Angeles	Surg.
Shriners Hospital for Crippled Children	Los Angeles	Ortho. Surg.
University of California Medical Center *	Los Angeles	Anes., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Urol.
Veterans Admin. Hospital *	Los Angeles	Anes., Derm. Syph., Gastro., Int. Med., Neur., Neuro. Surg., Ophth., Ortho. Surg., Otol., Path., Plas. Surg., Psych., Rad., Surg., Thor. Surg., Urol.
White Memorial Hospital *	Los Angeles	Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Phys. Med., Proct., Rad., Surg., Urol.
Contra Costa County Hospital	Martinez, Calif.	Gen'l Pract.
Bret Harte Sanatorium	Murphys, Calif.	Pul. Dis.
Metropolitan State Hospital	Norwalk, Calif.	Psych.
Children's Hospital of the East Bay	Oakland, Calif.	Ortho. Surg., Ped.
Highland-Alameda County Hospital *	Oakland, Calif.	Anes., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Rad., Surg., Thor. Surg., Urol.
Kaiser Foundation Hospital *	Oakland, Calif.	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Ped., Surg.
Samuel Merritt Hospital	Oakland, Calif.	Anes., Ortho. Surg., Path. Surg.
U. S. Naval Hospital *	Oakland, Calif.	Anes., Int. Med., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Urol.
Veterans Administration Hospital	Oakland, Calif.	Neur., Path.
Veterans Admin. Hospital	Palo Alto, Calif.	Psych.
Collis P. and Howard Huntington Memorial Hosp. *	Pasadena, Calif.	Int. Med., Mal. Dis., Neuro. Surg., Ob.-Gyn., Path., Rad., Surg.
Patton State Hospital	Patton, Calif.	Psych.
Pacific State Hospital	Pomona, Calif.	Psych.
Sequoia Hospital	Redwood City, Calif.	Gen'l Pract.
Sacramento County Hospital *	Sacramento, Calif.	Gen'l Pract., Path.
Sutter General Hospital	Sacramento, Calif.	Rad.
Monterey County Hospital	Salinas, Calif.	Gen'l Pract.
San Bernardino County Charity Hospital *	San Bernardino, Calif.	Int. Med., Path., Surg.
Mercy Hospital *	San Diego, Calif.	Int. Med., Ob.-Gyn., Path., Surg.
San Diego County General Hospital *	San Diego, Calif.	Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Pul. Dis., Rad., Surg., Urol.
U. S. Naval Hospital *	San Diego, Calif.	Allergy, Anes., Derm., Syph., Gen'l Pract., Int. Med., Ob.-Gyn., Ophth., Otol., Path., Rad., Surg., Thor. Surg., Urol.
Children's Hospital *	San Francisco	Ob.-Gyn., Otol., Ortho. Surg., Ped., Rad., Surg.,
Franklin Hospital *	San Francisco	Int. Med., Ortho. Surg., Path., Plas. Surg., Urol.
French Hospital *	San Francisco	Int. Med., Path., Surg.
Kaiser Foundation Hospital *	San Francisco	Allergy, Anes., Ob.-Gyn., Path., Psych.
Langley Porter Clinic-Hospital	San Francisco	Psych.
Letterman Army Hospital *	San Francisco	Anes., Card. Dis., Derm-.Syph., Gastro., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Phys. Med., Psych., Rad., Surg., Urol.
Mary's Help Hospital *	San Francisco	Int. Med., Ob.-Gyn., Surg.
Mount Zion Hospital *	San Francisco	Anes., Int. Med., Path., Ped., Psych., Rad., Surg.
St. Francis Memorial Hospital	San Francisco	Anes., Ob.-Gyn., Path., Plas. Surg., Rad.
St. Joseph's Hospital	San Francisco	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Surg.
St. Luke's Hospital *	San Francisco	Int. Med., Ob.-Gyn., Path., Surg.
St. Mary's Hospital *	San Francisco	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Rad., Surg.

* Indicates hospitals approved for training interns.

Name of Hospital	Location	Approved Residencies
San Francisco Hospital *		
Stanford University Service	San Francisco	Int. Med., Ob.-Gyn., Otol., Ortho. Surg., Path., Ped., Pul. Dis., Rad., Surg., Urol.
University of California Service	San Francisco	Int. Med., Ob.-Gyn., Otol., Ortho. Surg., Path., Ped., Pul. Dis., Rad., Surg., Urol.
Shriners Hospital for Crippled Children	San Francisco	Ortho. Surg.
Southern Pacific General Hospital *	San Francisco	Int. Med., Surg., Urol.
Stanford University Hospital *	San Francisco	Anes., Derm. Syph., Int. Med., Neur., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Urol.
U. S. Public Health Service Hospital *	San Francisco	Int. Med., Surg.
University of California Hospital *	San Francisco	Derm. Syph., Gastro., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Rad., Surg., Urol.
Veterans Admin. Hospital	San Francisco	Int. Med., Neur., Ophth., Otol., Ortho. Surg., Path., Rad., Surg., Urol.
O'Connor Hospital	San Jose, Calif.	Path.
Santa Clara County Hospital *	San Jose, Calif.	Anes., Int. Med., Ob.-Gyn., Path., Ped., Pul. Dis., Rad., Surg., Urol.
Fairmont Hospital of Alameda County	San Leandro, Calif.	Pul. Dis.
Community Hospital of San Mateo County	San Mateo, Calif.	Gen'l Pract., Int. Med., Path., Surg
Santa Barbara Cottage Hospital *	Santa Barbara, Calif.	Int. Med., Path., Surg.
Santa Barbara General Hospital	Santa Barbara, Calif.	Surg.
St. John's Hospital *	Santa Monica, Calif.	Ob.-Gyn., Path., Ped., Rad., Surg.
Sonoma County Hospital	Santa Rosa, Calif.	Gen'l Pract.
Veterans Administration Hospital	Sepulveda, Calif.	Psych.
Tulare-Kings Counties Joint Tuberculosis Hospital	Springville, Calif.	Pul. Dis.
Harbor General Hospital *	Torrance, Calif.	Anes., Int. Med., Ob.-Gyn., Ophth., Otol., Path., Ped., Rad., Surg., Thor. Surg., Urol.
Tulare County General Hospital	Tulare, Calif.	Gen'l Pract.
Kaiser Foundation Hospital	Vallejo, Calif.	Physical Med.
(California Rehabilitation Center)		
Glockner-Penrose Hospital *	Colorado Springs, Colo.	Gen'l Pract., Path., Rad.
St. Francis Hospital	Colorado Springs, Colo.	Gen'l Pract.
Children's Hospital	Denver	Ortho. Surg., Path., Ped., Surg.
Fitzsimons Army Hospital *	Denver	Anes., Card. Dis., Int. Med., Neur., Ob-Gyn., Ortho. Surg., Path., Ped., Phys. Med., Psych., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
General Rose Memorial Hospital *	Denver	Path., Rad.
Mercy Hospital *	Denver	Int. Med., Path., Surg.
National Jewish Hospital	Denver	Pul. Dis., Thor. Surg.
Porter Sanitarium and Hospital *	Denver, Colo.	Path.
Presbyterian Hospital *	Denver	Int. Med., Ob.-Gyn., Path., Rad., Surg.
St. Anthony Hospital *	Denver	Int. Med., Surg.
St. Joseph's Hospital *	Denver	Int. Med., Ob.-Gyn., Path., Rad., Surg.
St. Luke's Hospital *	Denver	Int. Med., Path., Rad., Surg.
University of Colorado Medical Center		
Colorado General Hospital *	Denver	Anes., Derm. Syph., Gen'l Pract., Int. Med., Neur., Neur. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Phys. Med., Rad., Surg., Urol.
Colorado Psychopathic Hospital	Denver	Psych.
Denver General Hospital *	Denver	Anes., Gen'l Pract., Int. Med., Neur., Neur. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Rad., Surg., Urol.
Veterans Admin. Hospital	Denver	Anes., Int. Med., Neur., Neuro. Surg., Ortho. Surg., Path., Phys. Med., Psych., Rad., Surg.
Colorado State Hospital	Pueblo, Colo.	Int. Med., Path., Psych., Surg.
Corwin Hospital	Pueblo, Colo.	Surg.
Bridgeport Hospital *	Bridgeport, Conn.	Anes., Int. Med., Obst., Path., Rad., Surg.
St. Vincent's Hospital *	Bridgeport, Conn.	Int. Med., Obst., Path., Rad., Surg.
Danbury Hospital *	Danbury, Conn.	Path.
Greenwich Hospital *	Greenwich, Conn.	Gen'l Pract., Int. Med., Path., Surg.
Hartford Hospital *	Hartford, Conn.	Anes., Int. Med., Neuro. Surg., Ob.-Gyn., Ortho. Surg., Path., Ped., Rad., Surg.
Hartford Municipal Hospital and Health Center *	Hartford, Conn.	Int. Med., Surg.
Institute of Living	Hartford, Conn.	Psych.
St. Francis Hospital *	Hartford, Conn.	Anes., Int. Med., Neuro. Surg., Ob.-Gyn., Path., Ped., Surg.
Meriden Hospital *	Meriden, Conn.	Path., Surg.
Connecticut State Hospital	Middletown, Conn.	Psych.
Middlesex Hospital *	Middletown, Conn.	Path.
New Britain General Hospital *	New Britain, Conn.	Int. Med., Ob.-Gyn., Path., Surg.
Silver Hill Foundation	New Canaan, Conn.	Psych.
Grace-New Haven Community Hospital *	New Haven, Conn.	Anes., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Phys. Med., Psych., Rad., Surg., Thor. Surg., Urol.
Hospital of St. Raphael *	New Haven, Conn.	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
Cedarcrest Hospital	Newington, Conn.	Pul. Dis., Thor. Surg.
Newington Home and Hospital for Crippled Children	Newington, Conn.	Ortho. Surg.
Lawrence and Memorial Associated Hospitals *	New London, Conn.	Int. Med., Ob.-Gyn., Surg.
Fairfield State Hospital	Newtown, Conn.	Psych.
Norwalk Hospital *	Norwalk, Conn.	Int. Med., Obst., Path., Surg.
Norwich State Hospital	Norwich, Conn.	Psych.
Norwich State Tuberculosis Sanatorium	Norwich, Conn.	Pul. Dis., Thor. Surg.
Laurel Heights State Tuberculosis Sanatorium	Shelton, Conn.	Pul. Dis.
Stamford Hospital *	Stamford, Conn.	Path.
Charlotte Hungerford Hospital	Torrington, Conn.	Gen'l Pract.
St. Mary's Hospital *	Waterbury, Conn.	Int. Med., Path., Rad., Surg.
Waterbury Hospital *	Waterbury, Conn.	Int. Med., Path., Ped., Rad., Surg., Urol.
Veterans Administration Hospital (Newington Division)	West Haven, Conn.	Int. Med., Path., Rad., Surg.
Veterans Admin. Hospital (West Haven Division)	West Haven, Conn.	Card. Dis., Gastro., Int. Med., Neuro. Path., Psych., Pul. Dis., Rad., Surg.
Delaware State Hospital	Farnhurst, Del.	Psych.
Alfred I. duPont Institute of Nemours Foundation	Wilmington, Del.	Ortho. Surg.
Delaware Hospital *	Wilmington, Del.	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg., Urol.
Memorial Hospital *	Wilmington, Del.	Int. Med., Path., Surg.
Wilmington General Hospital *	Wilmington, Del.	Gen'l Pract., Int. Med., Path.
Armed Forces Institute of Pathology	Washington, D. C.	Path.
Army Medical Center *	Washington, D. C.	Allergy, Anes., Card. Dis., Derm. Syph., Gastro., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Phys. Med., Psych., Rad., Surg., Thor. Surg., Urol.
Central Dispensary and Emergency Hospital *	Washington, D. C.	Int. Med., Ortho. Surg., Path., Rad., Surg.
Children's Hospital	Washington, D. C.	Path., Ped
Columbia Hospital for Women and Lying-In Asylum	Washington, D. C.	Ob.-Gyn.
District of Columbia General Hospital *	Washington, D. C.	Anes., Int. Med., Neur., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Phys. Med., Psych., Pul. Dis., Rad., Surg., Urol.
Doctors Hospital *	Washington, D. C.	Anes., Int. Med., Ob.-Gyn., Path., Rad., Surg.
Eastern Dispensary and Casualty Hospital	Washington, D. C.	Gen'l Pract.
Episcopal Eye, Ear, and Throat Hospital	Washington, D. C.	Ophth., Otol.
Freedmen's Hospital *	Washington, D. C.	Derm. Syph., Int. Med., Neur., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Ped., Psych., Pul. Dis., Rad., Surg., Urol.
Garfield Memorial Hospital *	Washington, D. C.	Anes., Int. Med., Ob.-Gyn., Path., Rad., Surg.
Georgetown University Hospital *	Washington, D. C.	Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Path, Ped., Phys. Med., Psych., Rad., Surg.
George Washington University Hospital *	Washington, D. C.	Anes., Card. Dis., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Path. Phys. Med., Psych., Rad., Surg., Thor. Surg.
Providence Hospital *	Washington, D. C.	Int. Med., Ob.-Gyn., Path., Ped., Surg.
St. Elizabeth's Hospital *	Washington, D. C.	Neur., Psych.
Sibley Memorial Hospital *	Washington, D. C.	Ob.-Gyn., Path., Surg.
Tuberculosis Sanatorium (Glendale, Md.)	Washington, D. C.	Pul. Dis.
Veterans Adm. Hospital	Washington, D. C.	Int. Med., Neur., Path., Rad., Surg., Urol.
Veterans Adm. Hospital	Coral Gables, Fla.	Int. Med., Path., Surg.

* Indicates hospitals approved for training interns.

Name of Hospital		Approved Residencies
Halifax District Hospital	Daytona Beach, Fla.	Gen'l Pract.
Duval Medical Center *	Jacksonville, Fla.	Int. Med., Ob.-Gyn., Path., Ped., Psych., Surg., Urol.
Hope Haven Hospital	Jacksonville, Fla.	Ortho. Surg.
Riverside Hospital	Jacksonville, Fla.	Int. Med., Surg.
St. Luke's Hospital *	Jacksonville, Fla.	Gen'l Pract., Int. Med., Ob.-Gyn., Rad., Surg.
St. Vincent Hospital *	Jacksonville, Fla.	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Ped., Surg., Urol.
Jackson Memorial Hospital *	Miami, Fla.	Int. Med., Neur., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Urol.
Mount Sinai Hospital	Miami Beach, Fla.	Int. Med., Ob.-Gyn., Path., Rad., Surg.
St. Francis Hospital *	Miami Beach, Fla.	Int. Med., Path., Surg.
Orange Memorial Hospital	Orlando, Fla.	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Surg., Urol.
Baptist Hospital	Pensacola, Fla.	Gen'l Pract.
Sacred Heart Hospital *	Pensacola, Fla.	Gen'l Pract.
American Legion Hospital for Crippled Children	St. Petersburg, Fla.	Ortho. Surg.
Mound Park Hospital *	St. Petersburg, Fla.	Gen'l Pract., Int. Med., Ob.-Gyn., Surg.
Tampa Municipal Hospital *	Tampa, Fla.	Int. Med., Ob.-Gyn., Otol., Surg.
Crawford W. Long Memorial Hospital *	Atlanta, Ga.	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Georgia Baptist Hospital *	Atlanta, Ga.	Int. Med., Ob.-Gyn., Path., Ped., Surg.
Grady Memorial Hospital *	Atlanta, Ga.	Gen'l Pract., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Psych., Rad., Surg., Urol.
Henrietta Egleston Hospital for Children	Atlanta, Ga.	Ped.
Piedmont Hospital *	Atlanta, Ga.	Int. Med., Ob.-Gyn., Path., Rad., Surg., Urol.
St. Joseph's Infirmary *	Atlanta, Ga.	Card. Dis., Int. Med., Ob.-Gyn., Path., Ped., Surg.
Veterans Admin. Hospital *	Atlanta, Ga.	Int. Med., Ophth., Path., Rad., Surg., Urol.
Eugene Talmadge Memorial Hospital	Augusta, Ga.	Surg.
University Hospital *	Augusta, Ga.	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Thor. Surg., Urol.
Veterans Adm. Hospital	Augusta, Ga.	Int. Med., Psych., Rad., Surg.
Columbus City Hospital *	Columbus, Ga.	Gen'l Pract.
Scottish Rite Hospital for Crippled Children	Decatur, Ga.	Ortho. Surg.
Emory University Hospital *	Emory University, Ga.	Anes., Int. Med., Neuro. Surg., Ortho. Surg., Path., Phys. Med., Rad., Surg.
Macon Hospital *	Macon, Ga.	Gen'l Pract.
Georgia Warm Springs Foundation	Warm Springs, Ga.	Phys. Med.
MacNeal Memorial Hospital *	Berwyn, Ill.	Gen'l Pract., Surg.
Alexian Brothers Hospital	Chicago	Path.
American Hospital *	Chicago	Anes., Path., Surg.
Augustana Hospital *	Chicago	Int. Med., Obst., Path., Rad., Surg.
Chicago Eye, Ear, Nose and Throat Hospital	Chicago	Ophth.
Chicago Maternity Center	Chicago	Obst.
Chicago State Hospital	Chicago	Psych.
Chicago State Tuberculosis Sanitarium	Chicago	Pulm. Dis., Thor. Surg.
Chicago Wesley Memorial Hospital *	Chicago	Anes., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Psych., Rad., Surg., Urol.
Children's Memorial Hospital	Chicago	Card. Dis., Ortho. Surg., Path., Ped., Surg., Thor. Surg.
City of Chicago Municipal Tuberculosis Sanatorium	Chicago	Pul. Dis., Thor. Surg.
Columbus Hospital *	Chicago	Int. Med.
Cook County Hospital *	Chicago	Con. Dis., Derm. Syph., Gastro., Int. Med., Neur., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Psych., Rad., Surg., Urol.
Englewood Hospital *	Chicago	Obst., Path., Rad., Surg.
Frank Cuneo Memorial Hospital	Chicago	Ob.-Gyn.
Grant Hospital *	Chicago	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Rad., Surg.
Henrotin Hospital	Chicago	Obst., Surg.
Hospital of St. Anthony de Padua *	Chicago	Obst., Surg.
Illinois Central Hospital *	Chicago	Int. Med., Rad., Surg.
Illinois Eye and Ear Infirmary	Chicago	Ophth., Otol.
Illinois Masonic Hospital *	Chicago	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Lewis Memorial Maternity Hospital	Chicago	Ob.-Gyn.
Loretto Hospital *	Chicago	Psych.
Lutheran Deaconess Home and Hospital *	Chicago	Obst.
Mercy Hospital *	Chicago	Int., Med., Neuro. Surg., Ob.-Gyn., Path., Ped., Psych., Rad., Surg., Urol.
Michael Reese Hospital *	Chicago	Anes., Card. Dis., Derm. Syph., Int. Med., Mal. Dis., Ob-Gyn., Ophth., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Urol.
Mount Sinai Hospital *	Chicago	Anes., Int. Med., Ob.-Gyn., Path., Ped., Psych., Rad., Surg., Urol.
Northwestern University Medical Center	Chicago	Allergy, Derm. Syph., Neur., Neuro. Surg., Phys. Med., Psych.
Norwegian-American Hospital *	Chicago	Int. Med., Path., Surg.
Passavant Memorial Hospital *	Chicago	Int. Med., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Path., Rad., Surg.
Presbyterian Hospital *	Chicago	Int. Med., Neuro. Surg., Ob-Gyn., Ophth., Otol., Path., Ped., Rad., Surg., Urol.
Provident Hospital *	Chicago	Int. Med., Ob.-Gyn., Ophth., Ped., Surg.
Ravenswood Hospital *	Chicago	Int. Med., Ob.-Gyn., Path., Rad., Surg.
St. Anne's Hospital *	Chicago	Obst., Path., Surg.,
St. Elizabeth Hospital *	Chicago	Ob.-Gyn., Ortho. Surg.
St. Joseph Hospital *	Chicago	Int. Med., Ob.-Gyn., Path., Ped., Surg.
St. Luke's Hospital *	Chicago	Anes., Int. Med., Neur., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Plas. Surg., Psych., Rad., Surg., Urol.
St. Mary of Nazareth Hospital *	Chicago	Gen'l Pract., Int. Med., Path., Surg.
Shriners Hospital for Crippled Children	Chicago	Ortho. Surg.
South Shore Hospital *	Chicago	Gen'l Pract.
Swedish Covenant Hospital *	Chicago	Obst.
University of Chicago Clinics *	Chicago	Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Psych., Rad., Surg., Urol.
University of Illinois Neuropsychiatric Institute	Chicago	Neur., Neuro. Surg., Psych.
University of Illinois Research and Educational Hospitals *	Chicago	Allergy, Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Plas. Surg., Psych., Rad., Surg., Urol.
Veterans Admin. Research Hospital	Chicago	Allergy, Gastro., Int Med., Neuro. Surg., Ophth., Otol., Path., Phys. Med., Rad., Surg., Thor. Surg.
Veterans Admin. (West Side) Hospital	Chicago	Int. Med., Psych., Surg.
Woodlawn Hospital *	Chicago	Ophth., Surg.
Decatur and Macon County Hospital *	Decatur, Ill.	Gen'l Pract.
Veterans. Admin. Hospital	Downey, Ill.	Psych.
Elgin State Hospital	Elgin, Ill.	Psych.
Evanston Hospital *	Evanston, Ill.	Anes., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
St. Francis Hospital *	Evanston, Ill.	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Rad., Surg.
Little Company of Mary Hospital *	Evergreen Park, Ill.	Int. Med., Ob.-Gyn., Ped., Rad., Surg.
Galesburg State Research Hospital	Galesburg, Ill.	Psych.
U. S. Naval Hospital *	Great Lakes, Ill.	Int. Med., Ob.-Gyn., Surg.
Veterans Admin. Hospital	Hines, Ill.	Anes., Card. Dis., Derm. Syph., Int. Med., Mal. Dis., Neur., Ophth., Ortho. Surg., Otol., Path., Plas. Surg., Psych., Rad., Surg., Thor. Surg., Urol.
St. Joseph's Hospital	Joliet, Ill.	Anes.
West Suburban Hospital *	Oak Park, Ill.	Ob.-Gyn., Ortho. Surg.
Methodist Hospital of Central Illinois *	Peoria, Ill.	Gen'l Pract., Obst., Path., Surg.
Peoria Municipal Tuberculosis Sanitarium	Peoria, Ill.	Pul. Dis.
St. Francis Hospital *	Peoria, Ill.	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Rad., Surg.
U. S. Air Force Hospital	Rantoul, Ill.	Surg.
Rockford Memorial Hospital *	Rockford, Ill.	Path.
St. Anthony's Hospital *	Rockford, Ill.	Ob.-Gyn., Path., Surg.
Swedish-American Hospital *	Rockford, Ill.	Gen. Pract., Rad.
Carle Memorial Hospital	Urbana, Ill.	Rad.
Lake County Tuberculosis Sanatorium	Waukegan, Ill.	Pul. Dis.

* Indicates hospitals approved for training interns.

Name of Hospital	Location	Approved Residencies
North Shore Health Resort	Winnetka, Ill.	Psych.
St. Francis Hospital	Beach Grove, Ind.	Gen'l Pract.
Clinic Hospital	Bluffton, Ind.	Int. Med., Rad., Surg.
St. Joseph's Hospital *	Fort Wayne, Ind.	Path., Rad.
Methodist Hospital *	Gary, Ind.	Gen'l Pract., Path.
St. Margaret Hospital *	Hammond, Ind.	Gen'l Pract.
Central State Hospital	Indianapolis	Psych.
Indianapolis General Hospital *	Indianapolis	Anes., Card. Dis., Derm. Syph., Int. Med., Neur., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Psych., Pul. Dis., Rad., Surg., Urol.
Indiana University Medical Center *	Indianapolis	Anes., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Plas. Surg., Psych., Rad., Surg., Urol.
Methodist Hospital *	Indianapolis	Gen'l Pract., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
Norways Foundation Hospital	Indianapolis	Psych.
St. Vincent's Hospital *	Indianapolis	Card. Dis., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Surg.
Sunnyside Sanatorium	Indianapolis	Pul. Dis.
Veterans Admin. Hospital	Indianapolis	Int. Med., Neuro. Surg., Ortho. Surg., Path., Psych., Rad., Surg.
St. Elizabeth Hospital *	Lafayette, Ind.	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Rad., Surg.
Logansport State Hospital	Logansport, Ind.	Psych.
Ball Memorial Hospital *	Muncie, Ind.	Path., Surg.
Healthwin Hospital	South Bend, Ind.	Pul. Dis.
Memorial Hospital *	South Bend, Ind.	Gen'l Pract., Path.
South Bend Medical Foundation	South Bend, Ind.	Path.
Dr. Norman M. Beatty Memorial Hospital	Westville, Ind.	Psych.
St. Luke's Methodist Hospital *	Cedar Rapids, Iowa	Gen'l Pract., Path.
Mental Health Institute	Cherokee, Iowa	Psych.
Broadlawns Polk County Hospital *	Des Moines, Iowa	Gen'l Pract., Surg.
Iowa Methodist Hospital *	Des Moines, Iowa	Int. Med., Path., Ped., Rad., Surg.
Mercy Hospital *	Des Moines, Iowa	Path.
Veterans Admin. Hospital	Des Moines, Iowa	Anes.. Int. Med., Ortho. Surg., Path., Rad., Surg., Urol.
Iowa State Psychopathic Hospital	Iowa City	Psych.
Mercy Hospital *	Iowa City	Ortho. Surg., Surg.
University Hospitals *	Iowa City	Anes., Derm. Syph., Gen'l Pract., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Rad., Surg., Thor. Surg., Urol.
Veterans Admin. Hospital	Iowa City	Anes., Int. Med., Path., Rad., Surg.
St. Margaret Hospital *	Kansas City, Kan.	Surg.
University of Kansas Medical Center *	Kansas City, Kan.	Anes., Card. Dis., Gastro., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Phys. Med., Plas. Surg., Psych., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
C. F. Menninger Memorial Hospital	Topeka, Kan.	Psych.
Topeka State Hospital	Topeka, Kan.	Psych.
Veterans Admin. Hospital	Topeka, Kan.	Int. Med., Neur., Psych.
Veterans Admin. Hospital	Wadsworth, Kan.	Int. Med., Ophth., Otol., Ortho. Surg., Path., Rad., Surg., Urol.
St. Francis Hospital *	Wichita, Kan.	Gen'l Pract., Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Rad., Surg.
Veterans Admin. Hospital	Wichita, Kan.	Surg.
Wesley Hospital *	Wichita, Kan.	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Rad., Surg.
Wichita St. Joseph Hospital *	Wichita, Kan.	Path.
U. S. Army Hospital	Fort Campbell, Ky.	Surg.
U. S. Army Hospital	Fort Knox, Ky.	Surg.
Central State Hospital	Lakeland, Ky.	Psych.
Good Samaritan Hospital *	Lexington, Ky.	Int. Med., Ortho. Surg., Surg.
St. Joseph Hospital *	Lexington, Ky.	Int. Med., Ob.-Gyn., Ortho. Surg., Surg., Urol.
U. S. Public Health Service Hospital	Lexington, Ky.	Psych.
Veterans Admin. Hospital	Lexington, Ky.	Psych.
Children's Hospital	Louisville, Ky.	Path., Ped.
Kosair Crippled Children's Hospital	Louisville, Ky.	Ortho. Surg.
Louisville General Hospital *	Louisville, Ky.	Anes., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Urol.
Norton Memorial Infirmary *	Louisville, Ky.	Psych., Surg.
St. Anthony's Hospital *	Louisville, Ky.	Gen'l Pract.
St. Joseph Infirmary *	Louisville, Ky.	Int. Med., Ob.-Gyn., Ped., Rad., Surg.
Veterans Admin. Hospital	Louisville, Ky.	Int. Med., Neur., Neur. Surg., Ophth., Otol., Ortho. Surg., Path., Psych., Rad., Surg., Urol.
Baton Rouge General Hospital *	Baton Rouge, La.	Gen'l Pract., Path.
Lafayette Charity Hospital	Lafayette, La.	Gen'l Pract., Surg.
St. Patrick's Hospital	Lake Charles, La.	Gen'l Pract.
Charity Hospital of Louisiana *	New Orleans	Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Psych., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
DePaul Hospital	New Orleans	Psych.
Eye, Ear, Nose and Throat Hospital	New Orleans	Ophth., Otol.
Hotel Dieu, Sisters Hospital *	New Orleans	Ob.-Gyn., Path., Ped., Surg.
Ochsner Foundation Hospital *	New Orleans	Anes., Gastro., Int. Med., Neuro. Surg., Ob.-Gyn., Ortho. Surg., Proct., Rad., Surg., Urol.
Southern Baptist Hospital *	New Orleans	Int. Med., Ob.-Gyn., Path., Ped., Rad.
Touro Infirmary *	New Orleans	Gastro., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Path., Rad., Surg.
U. S. Public Health Service Hospital *	New Orleans	Int. Med., Ophth., Path., Rad., Surg.
Veterans Admin. Hospital	New Orleans	Derm. Syph., Int. Med., Ophth., Ortho. Surg., Path., Psych., Rad., Surg., Urol.
Huey P. Long Charity Hospital	Pineville, La.	Gen'l Pract.
Confederate Memorial Hospital *	Shreveport, La.	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Rad., Surg., Thor. Surg., Urol.
Shriners Hospital for Crippled Children	Shreveport, La.	Ortho. Surg.
Eastern Maine General Hospital *	Bangor, Maine	Anes., Path., Rad.
Central Maine Sanatorium	Fairfield, Maine	Pul. Dis.
Central Maine General Hospital *	Lewiston, Maine	Anes., Int. Med., Path., Ped., Rad., Surg.
Maine General Hospital *	Portland, Maine	Anes., Int. Med., Path., Rad., Surg.
Baltimore City Hospitals *	Baltimore	Int. Med., Neur., Ob.-Gyn., Ortho. Surg., Path., Ped., Pul. Dis., Rad., Surg.
Baltimore Eye, Ear and Throat Charity Hospital	Baltimore	Ophth., Otol.
Bon Secours Hospital *	Baltimore	Gen'l Pract., Ob.-Gyn., Surg.
Children's Hospital School	Baltimore	Ortho. Surg.
Church Home and Hospital *	Baltimore	Int. Med., Obst., Surg.
Franklin Square Hospital *	Baltimore	Int. Med., Ob.-Gyn., Surg.
Hospital for Women *	Baltimore	Ob.-Gyn., Path.
James Lawrence Kernan Hospital for Crippled Children	Baltimore	Ortho. Surg.
Johns Hopkins Hospital *	Baltimore	Int Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Plas. Surg., Psych., Rad., Surg., Urol.
Lutheran Hospital *	Baltimore	Int. Med., Ob.-Gyn., Path., Surg.
Maryland General Hospital *	Baltimore	Int. Med., Ob.-Gyn., Path., Surg.
Mercy Hospital *	Baltimore	Int. Med., Ob.-Gyn., Otol., Path., Ped., Rad., Surg.
Provident Hospital and Free Dispensary *	Baltimore	Int. Med., Obst., Surg.
St. Agnes Hospital *	Baltimore	Int. Med., Ob.-Gyn.
St. Joseph's Hospital *	Baltimore	Ob.-Gyn., Surg.
Seton Institute	Baltimore	Psych.
Sinai Hospital *	Baltimore	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg., Urol.
South Baltimore General Hospital *	Baltimore	Int. Med., Obst., Otol., Surg.
Union Memorial Hospital *	Baltimore	Int. Med., Ob-Gyn., Path., Ped., Surg.
U. S. Public Health Service Hospital *	Baltimore	Int. Med., Opth., Path., Rad., Surg.
University Hospital *	Baltimore	Anes., Derm., Syph., Gen'l. Prac., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Path., Ped., Psych., Rad., Surg., Thor. Surg., Urol.

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Name of Hospital	Location	Approved Residencies
National Institutes of Health—Clinical Center	Bethesda, Md.	Int. Med., Neuro., Path., Psych., Rad.
Suburban Hospital *	Bethesda, Md.	Gen'l. Pract.
U. S. Naval Hospital *	Bethesda, Md.	Anes., Card. Dis., Int. Med., Neur., Ob-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Urol.
Spring Grove State Hospital	Catonsville, Md.	Psych.
Prince George's General Hospital *	Cheverly, Md.	Int. Med., Ob.-Gyn., Path., Surg.
Crownsville State Hospital	Crownsville Md.	Psych.
Veterans Admin. Hospital	Fort Howard, Md.	Derm. Syph., Int. Med., Ophth., Surg., Urol.
Washington County Hospital	Hagerstown, Md.	Rad.
Veterans Admin. Hospital	Perry Point, Md.	Int. Med., Psych., Surg.
Chestnut Lodge Sanitarium	Rockville, Md.	Psych.
Springfield State Hospital	Sykesville, Md.	Psych.
Sheppard and Enoch Pratt Hospital	Towson, Md.	Psych.
Veterans Admin. Hospital	Bedford, Mass.	Psych.
Beverly Hospital *	Beverly, Mass.	Int. Med., Path., Surg.
Beth Israel Hospital *	Boston	Card. Dis., Gastro., Int. Med., Obst., Otol., Path., Psych., Rad., Surg., Urol.
Boston City Hospital *	Boston	Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Rad., Surg., Thor. Surg., Urol.
Boston Floating Hospital	Boston	Ped.
Boston Lying-In Hospital	Boston	Obst., Path.
Boston Sanatorium	Boston	Pul. Dis., Thor. Surg.
Boston State Hospital	Boston	Psych.
Carney Hospital *	Boston	Int. Med., Ob.-Gyn., Path., Surg.
Children's Medical Center *	Boston	Neuro. Surg., Ortho. Surg., Path., Ped., Rad.
Faulkner Hospital	Boston	Int. Med., Path., Rad.
Lahey Clinic	Boston	Anes., Gastro., Int. Med., Neuro. Surg., Ortho. Surg., Rad.
Lemuel Shattuck Hospital	Boston	Int. Med., Path.
Massachusetts Eye and Ear Infirmary	Boston	Ophth., Otol.
Massachusetts General Hospital *	Boston	Allergy, Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ortho. Surg., Path., Ped., Phys. Med., Psych., Rad., Surg., Urol.
Massachusetts Memorial Hospitals *	Boston	Anes., Con. Dis., Derm. Syph., Gastro., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Path., Psych., Rad., Surg., Urol.
Massachusetts Mental Health Center	Boston	Psych.
New England Center Hospital *	Boston	Anes., Int. Med., Neur., Neuro. Surg., Path., Psych., Rad., Surg., Urol.
New England Deaconess Hospital	Boston	Anes., Int. Med., Path., Rad., Thor. Surg.
New England Hospital *	Boston	Anes., Gen'l. Pract., Obst., Surg.
Peter Bent Brigham Hospital *	Boston	Anes., Card. Dis., Int. Med., Neuro. Surg., Ortho. Surg., Path., Rad., Surg., Urol.
St. Elizabeth Hospital *	Boston	Anes., Int. Med., Ob.-Gyn., Path., Psych., Surg.
St. Margaret's Hospital	Boston	Ob.-Gyn.
U. S. Public Health Service Hospital *	Boston	Int. Med., Surg.
Veterans Admin. Hospital	Boston (Jamaica Plain)	Int. Med., Neur., Ortho. Surg., Otol., Path., Phys. Med., Psych., Rad., Surg., Urol.
Veterans Admin. Hospital	Boston (West Roxbury)	Rad., Urol.
Veterans Admin. Hospital	Brockton, Mass.	Psych.
Booth Memorial Hospital and Home	Brookline, Mass	Obst.
Free Hospital for Women	Brookline, Mass.	Gyn.
Cambridge City Hospital *	Cambridge, Mass	Anes., Int. Med., Ob.-Gyn., Path., Rad., Surg.
Cambridge Sanitarium	Cambridge, Mass.	Pul. Dis.
Mount Auburn Hospital *	Cambridge, Mass.	Anes., Int. Med., Path., Rad., Surg.
Massachusetts Hospital School	Canton, Mass.	Ortho. Surg.
Lawrence F. Quigley Memorial Hospital	Chelsea, Mass	Int. Med., Surg.
U. S. Naval Hospital *	Chelsea, Mass.	Anes., Gen'l Pract., Int. Med., Ob.-Gyn., Ortho. Surg., Ped., Rad., Surg.
St. Anne's Hospital	Fall River, Mass.	Gen'l Pract., Ob.-Gyn.
Truesdale Hospital *	Fall River, Mass.	Int. Med., Path.
Burbank Hospital	Fitchburg, Mass.	Path., Surg.
Foxboro State Hospital	Foxboro, Mass.	Psych.
Danvers State Hospital	Hathorne, Mass.	Psych.
Lawrence General Hospital *	Lawrence, Mass.	Path., Rad.
Lowell General Hospital *	Lowell, Mass.	Path.
Lynn Hospital *	Lynn, Mass.	Int. Med., Ortho. Surg., Path., Rad., Surg.
Malden Hospital	Malden, Mass.	Int. Med., Path., Surg.
Medfield State Hospital	Medfield, Mass.	Psych.
St. Luke's Hospital *	New Bedford, Mass.	Path.
Newton-Wellesley Hospital *	Newton, Mass.	Int. Med., Path., Rad., Surg.
Cooley Dickenson Hospital	Northhampton, Mass.	Gen'l Pract.
Quincy City Hospital *	Quincy, Mass.	Int. Med., Ob.-Gyn., Path., Surg.
Veterans Admin. Hospital	Rutland Heights, Mass.	Pul. Dis., Thor. Surg.
Salem Hospital *	Salem, Mass.	Int. Med., Path., Rad.
Shriners Hospital for Crippled Children	Springfield, Mass.	Ortho. Surg.
Springfield Hospital *	Springfield, Mass.	Anes., Int. Med., Path., Rad., Surg.
Austen Riggs Foundation	Stockbridge, Mass.	Psych.
Taunton State Hospital	Taunton, Mass.	Psych.
Pondville Hospital	Walpole, Mass.	Int. Med., Path., Surg.
Metropolitan State Hospital	Waltham, Mass.	Psych.
Middlesex County Sanatorium	Waltham, Mass.	Pul. Dis.
McLean Hospital	Waverly, Mass.	Psych.
Westboro State Hospital	Westboro, Mass.	Psych.
Westfield State Sanatorium	Westfield, Mass.	Pul. Dis., Surg.
Memorial Hospital *	Worcester, Mass.	Int. Med., Path., Rad., Surg.
St. Vincent's Hospital *	Worcester, Mass.	Anes., Int. Med., Surg.
Worcester City Hospital *	Worcester, Mass.	Anes., Con. Dis., Int. Med., Ortho. Surg., Path., Ped., Pul. Dis., Surg.
Worcester State Hospital	Worcester, Mass.	Psych.
St. Joseph Mercy Hospital *	Ann Arbor, Mich.	Int. Med., Ob.-Gyn., Rad., Surg.
University Hospital *	Ann Arbor, Mich.	Allergy, Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Phys. Med., Psych., Rad., Surg., Thor. Surg., Urol.
Leila Y. Post Montgomery Hospital *	Battle Creek, Mich.	Int. Med., Path., Rad., Surg.
Oakwood Hospital *	Dearborn. Mich.	Gen'l Pract.
Veterans Admin. Hospital	Dearborn, Mich.	Int. Med., Neur., Ophth., Path., Psych., Rad., Surg., Urol.
Alexander Blain Hospital	Detroit	Int. Med., Surg.
Brent General Hospital	Detroit	Gen'l Pract.
Children's Hospital	Detroit	Ortho. Surg., Ped., Rad.
Detroit Memorial Hospital *	Detroit	Int. Med., Ob.-Gyn., Path., Surg.
Evangelical Deaconess Hospital *	Detroit	Int. Med., Ob.-Gyn.
Florence Crittenton Hospital	Detroit	Ob.-Gyn.
Grace Hospital *	Detroit	Int. Med., Neuro. Surg., Ob.-Gyn., Path., Rad., Surg., Urol.
Harper Hospital *	Detroit	Anes., Int. Med., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
Henry Ford Hospital *	Detroit	Anes., Card. Dis., Derm. Syph., Gastro., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Plas. Surg., Psych., Pul. Dis., Rad., Surg., Urol.
Herman Kiefer Hospital	Detroit	Con. Dis., Ob.-Gyn., Path., Pul. Dis., Rad., Thor. Surg.
Jennings Memorial Hospital	Detroit	Int. Med., Surg.
Lynn Hospital	Detroit	Gen'l Pract.
Mount Carmel Mercy Hospital *	Detroit	Int. Med., Ob.-Gyn., Path., Rad., Surg.
Providence Hospital *	Detroit	Anes., Int. Med., Ob.-Gyn., Path., Rad., Surg.
Receiving Hospital *	Detroit	Anes., Derm. Syph., Int. Med., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Psych., Rad., Surg., Urol.
St. John Hospital *	Detroit	Int. Med., Ob.-Gyn., Surg.
St. Joseph Mercy Hospital *	Detroit	Int. Med., Ob.-Gyn., Surg.

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Name of Hospital	Location	Approved Residencies
Saratoga General Hospital	Detroit	Gen'l Pract.
Sinai Hospital *	Detroit	Anes., Int. Med., Ob.-Gyn., Path., Rad., Surg.
Woman's Hospital *	Detroit	Int. Med., Ob.-Gyn., Path., Surg.
Wayne County General Hospital and Infirmary *	Eloise, Mich.	Int. Med., Path., Psych., Rad., Urol.
Hurley Hospital *	Flint, Mich.	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
McLaren General Hospital *	Flint, Mich.	Gen'l Pract., Int. Med., Path., Surg.
St. Joseph Hospital *	Flint, Mich.	Gen'l Pract., Path., Rad.
Blodgett Memorial Hospital *	Grand Rapids, Mich.	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Rad., Surg., Urol.
Butterworth Hospital *	Grand Rapids, Mich.	Anes., Int. Med., Ob.-Gyn., Path., Ped., Rad.
Ferguson-Droste-Ferguson Hospital	Grand Rapids, Mich.	Proct.
St. Mary's Hospital *	Grand Rapids, Mich.	Ob.-Gyn., Ortho. Surg., Path., Surg.
Bon Secours Hospital *	Grosse Pointe, Mich.	Int. Med.
Highland Park General Hospital *	Highland Park, Mich.	Int. Med., Ob.-Gyn., Surg.
Michigan State Sanatorium	Howell, Mich.	Pul. Dis.
Borgess Hospital *	Kalamazoo, Mich.	Gen'l Pract., Ortho. Surg., Surg.
Bronson Methodist Hospital *	Kalamazoo, Mich.	Int. Med., Surg.
Edward W. Sparrow Hospital *	Lansing, Mich.	Int. Med., Path., Surg.
Ingham Chest Hospital	Lansing, Mich.	Thor. Surg.
St. Lawrence Hospital *	Lansing, Mich.	Int. Med.
Mercy Hospital	Muskegon, Mich.	Gen'l Pract.
Northville State Hospital	Northville, Mich.	Psych.
Pontiac General Hospital *	Pontiac, Mich.	Int. Med., Ob.-Gyn., Path.. Surg.
Pontiac State Hospital	Pontiac, Mich.	Psych.
St. Joseph Mercy Hospital *	Pontiac, Mich.	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Saginaw General Hospital *	Saginaw, Mich.	Int. Med., Ob.-Gyn., Path., Ped., Surg.
St. Luke's Hospital *	Saginaw, Mich.	Gen'l Pract.
St. Mary's Hospital *	Saginaw, Mich.	Gen'l Pract.
Traverse City State Hospital	Traverse City, Mich.	Psych.
Wyandotte General Hospital	Wyandotte, Mich.	Gen'l Pract.
Ypsilanti State Hospital	Ypsilanti, Mich.	Psych.
St. Luke's Hospital *	Duluth, Minn.	Path.
St. Mary's Hospital *	Duluth, Minn.	Int. Med., Path.
Asbury Hospital	Minneapolis	Int. Med.
Fairview Hospital	Minneapolis	Gen'l Pract., Ortho. Surg.
Lutheran Deaconess Home and Hospital	Minneapolis	Gen'l Pract.
Minneapolis General Hospital *	Minneapolis	Derm. Syph., Int. Med., Ob.-Gyn., Ophth., Otol., Path., Ped., Phych., Surg., Urol.
Mount Sinai Hospital *	Minneapolis	Gen'l Pract., Int. Med., Surg.
Northwestern Hospital *	Minneapolis	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
St. Barnabas Hospital *	Minneapolis	Int. Med., Ob.-Gyn., Path., Surg.
St. Mary's Hospital *	Minneapolis	Ob.-Gyn., Urol.
Shriners Hospital for Crippled Children	Minneapolis	Ortho. Surg.
Swedish Hospital *	Minneapolis	Path., Rad., Surg.
University of Minnesota Hospitals *	Minneapolis	Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Phys. Med., Proct., Psych., Rad., Surg., Urol.
Veterans Admin. Hospital	Minneapolis	Derm. Syph., Int. Med., Neur., Ophth., Otol., Ortho. Surg., Path., Psych., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
Glen Lake Sanatorium	Oak Terrace, Minn.	Pul. Dis.
Mayo Foundation	Rochester, Minn.	Allergy. Anes., Derm. Syph., Gastro., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Phys. Med., Plas. Surg., Proct., Psych., Pul. Dis., Rad., Surg., Urol.
Rochester State Hospital	Rochester, Minn.	Psych.
Ancker Hospital *	St. Paul, Minn.	Derm. Syph., Int. Med., Otol., Path., Surg., Urol.
Charles T. Miller Hospital *	St. Paul, Minn.	Int. Med., Ob.-Gyn., Ophth , Path., Rad., Surg., Urol.
Gillette State Hospital for Crippled Children	St. Paul, Minn.	Ortho. Surg.
Midway Hospital	St. Paul, Minn.	Gen'l Pract.
St. Joseph's Hospital *	St. Paul, Minn.	Ob.-Gyn., Path, Rad., Surg.
Veterans Admin. Hospital	Biloxi, Miss.	Psych.
Mississippi Baptist Hospital *	Jackson, Miss.	Ortho. Surg.
University Hospital *	Jackson, Miss.	Anes., Int. Med., Ob.-Gyn., Ophth., Orth. Surg., Path., Ped., Surg., Thor. Surg., Urol.
Mississippi State Tuberculosis Sanatorium	Sanatorium, Miss.	Pul. Dis.
Mercy Hospital-Street Memorial *	Vicksburg, Miss.	Gen'l Pract., Surg.
Vicksburg Hospital	Vicksburg, Miss.	Surg.
Mississippi State Hospital	Whitfield, Miss.	Psych.
St. Louis County Hospital *	Clayton, Mo.	Int. Med., Ob.-Gyn., Ophth., Path., Surg.
Ellis Fischel Cancer Hospital	Columbia, Mo.	Mal. Dis., Surg.
Veterans Admin. Hospital	Excelsior Springs, Mo.	Pul. Dis.
Children's Mercy Hospital	Kansas City, Mo.	Ortho. Surg., Ped.
Kansas City General Hospital No. 1 *	Kansas City, Mo.	Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Psych., Rad., Surg., Urol.
Kansas City General Hospital No. 2	Kansas City, Mo.	Ob.-Gyn., Rad., Surg.
Menorah Hospital Medical Center *	Kansas City, Mo.	Int. Med., Path., Rad., Surg.
Research Hospital *	Kansas City, Mo.	Anes., Int. Med., Path., Rad., Surg., Urol.
St. Joseph Hospital *	Kansas City, Mo.	Int. Med., Ob.-Gyn., Path., Rad., Surg.
St. Luke's Hospital *	Kansas City, Mo.	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Rad., Surg.
St. Mary's Hospital *	Kansas City, Mo.	Path., Surg.
Veterans Admin. Hospital	Kansas City, Mo.	Anes., Int. Med., Neur., Ortho. Surg., Otol., Path., Rad., Surg., Urol.
Robert Koch Hospital	Koch, Mo.	Pul. Dis.
Missouri Methodist Hospital *	St. Joseph, Mo.	Gen'l Pract., Surg.
Alexian Brothers Hospital	St. Louis	Gen'l Pract.
Barnes Hospital *	St. Louis	Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Plas. Surg., Psych., Rad., Surg., Thor. Surg., Urol.
De Paul Hospital *	St. Louis	Gen'l Pract., Int. Med., Ob-Gyn., Path., Rad., Surg.
Evangelical Deaconess Hospital *	St. Louis	Gen'l Pract.
Homer G. Phillips Hospital *	St. Louis	Int. Med., Ob.-Gyn., Ophth., Otol., Path., Ped., Psych., Rad., Surg., Urol.
Jewish Hospital *	St. Louis	Int. Med., Ob.-Gyn., Path., Rad., Surg.
Missouri Baptist Hospital *	St. Louis	Ob.-Gyn., Path., Surg., Urol.
Missouri Pacific Hospital	St. Louis	Int. Med., Surg., Urol.
St. Anthony's Hospital *	St. Louis	Gen'l Pract., Surg.
St. John's Hospital *	St. Louis	Anes., Int. Med., Obst., Path., Surg.
St. Louis Children's Hospital *	St. Louis	Ped.
St. Louis City Hospital *	St. Louis	Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Psych., Rad., Surg., Urol.
St. Louis State Hospital	St. Louis	Psych.
St. Luke's Hospital *	St. Louis	Int. Med., Ob-Gyn., Rad., Surg.
St. Mary's Group of Hospitals *	St. Louis	Derm. Syph., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Psych., Pul. Dis., Rad., Surg., Urol.
Shriners Hospital for Crippled Children	St. Louis	Ortho. Surg
Veterans Admin. Hospital	St. Louis	Anes., Int. Med., Ophth., Ortho. Surg., Path., Psych., Rad., Surg., Thor. Surg., Urol.
Butte Community Memorial Hospital *	Butte, Mont.	Gen'l Pract.
Montana Deaconess Hospital *	Great Falls, Mont.	Int. Med., Path.
Hastings State Hospital	Ingleside, Neb.	Psych.
Lincoln General Hospital *	Lincoln, Neb.	Ob.-Gyn., Path.
Nebraska Orthopedic Hospital	Lincoln, Neb.	Ortho. Surg.
St. Elizabeth's Hospital *	Lincoln, Neb.	Ob.-Gyn., Surg.
Veterans Admin. Hospital	Lincoln, Neb.	Int. Med., Ortho. Surg., Surg., Urol.
Norfolk State Hospital	Norfolk, Neb.	Psych.
Bishop Clarkson Memorial Hospital *	Omaha	Ob.-Gyn., Path.

* Indicates hospitals approved for training interns.

Name of Hospital	Location	Approved Residencies
Creighton Memorial-St. Joseph Hospital *	Omaha	Int. Med., Ob.-Gyn., Path., Ped., Psych., Rad., Surg.
Immanuel Hospital *	Omaha	Ob.-Gyn.
Nebraska Methodist Hospital *	Omaha	Path., Rad.
University of Nebraska Hospital *	Omaha	Anes., Card. Dis., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Psych., Rad., Surg.
Veterans Admin. Hospital	Omaha	Int. Med., Neur., Path., Psych., Rad., Surg.
New Hampshire State Hospital	Concord, N. H.	Psych.
Mary Hitchcock Memorial Hospital *	Hanover, N. H.	Anes., Derm. Syph., Int. Med., Neuro. Surg., Path., Ped., Phys. Med., Rad., Surg., Urol.
Elliott Hospital	Manchester, N. H.	Path.
Atlantic City Hospital *	Atlantic City, N. J.	Int. Med., Path., Surg.
Bayonne Hospital and Dispensary *	Bayonne, N. J.	Urol.
Essex County Hospital for Contagious Diseases	Belleville, N. J.	Ped.
Cooper Hospital *	Camden, N. J.	Int. Med., Ob.-Gyn., Path., Ped., Surg.
Our Lady of Lourdes Hospital *	Camden, N. J.	Path.
West Jersey Hospital *	Camden, N. J.	Path., Surg.
Essex County Overbrook Hospital	Cedar Grove, N. J.	Psych.
Veterans Admin. Hospital	East Orange, N. J.	Int. Med., Neur., Otol., Path., Phys. Med., Pul. Dis., Rad., Surg.
Englewood Hospital *	Englewood, N. J.	Path.
Hunterdon Medical Center	Flemington, N. J.	Gen'l Pract., Path.
New Jersey Sanatorium for Chest Diseases	Glen Garden, N. J.	Pul. Dis.
New Jersey State Hospital	Greystone Park, N. J.	Psych.
Hackensack Hospital *	Hackensack, N. J.	Anes., Int. Med., Obst., Rad., Surg.
New Jersey State Hospital at Ancora	Hammonton, N. J.	Psych.
Berthold S. Pollack Hospital for Chest Diseases	Jersey City, N. J.	Pul. Dis., Thor. Surg.
Christ Hospital *	Jersey City, N. J.	Path.
Margaret Hague Maternity Hospital	Jersey City, N. J.	Obst.
Medical Center-Jersey City Hospital *	Jersey City, N. J.	Anes., Int. Med., Gyn., Ophth., Path., Ped., Rad., Surg., Urol.
Monmouth Memorial Hospital *	Long Branch, N. J.	Obst., Ortho., Surg., Path., Surg.
Veterans Admin. Hospital	Lyons, N. J.	Psych.
New Jersey State Hospital	Marlboro, N. J.	Psych.
Mountainside Hospital *	Montclair, N. J.	Gen'l Pract., Int. Med., Path., Surg.
Morristown Memorial Hospital *	Morristown, N. J.	Gen'l Pract., Int. Med., Path., Rad., Surg.
Burlington County Hospital	Mount Holly, N. J.	Int. Med., Path., Rad., Surg.
Fitkin Memorial Hospital *	Neptune, N. J.	Int. Med., Ped., Surg.
Babies' Hospital-Colt Memorial	Newark, N. J.	Ped.
Harrison S. Martland Medical Center *	Newark, N. J.	Int. Med., Ob.-Gyn., Path., Rad., Surg., Urol.
Hospital and Home for Crippled Children	Newark, N. J.	Ortho. Surg.
Hospital of St. Barnabas and for Women and Children *	Newark, N. J.	Path., Plas. Surg., Rad., Surg.
Newark Beth Israel Hospital *	Newark, N. J.	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Newark Eye and Ear Infirmary	Newark, N. J.	Ophth., Otol.
Presbyterian Hospital *	Newark, N. J.	Path., Surg.
St. Michael's Hospital *	Newark, N. J.	Int. Med., Ob.-Gyn., Path., Ped.
St. Peter's General Hospital *	New Brunswick, N. J.	Int. Med.
New Jersey Orthopedic Hospital and Dispensary	Orange, N. J.	Ortho. Surg.
Orange Memorial Hospital *	Orange, N. J.	Anes., Int. Med., Ortho. Surg., Path., Surg.
Bergen Pines County Hospital *	Paramus, N. J.	Int. Med., Neur., Path., Psych., Pul. Dis.
Passaic General Hospital *	Passaic, N. J.	Ob.-Gyn., Path.
St. Mary Hospital *	Passaic, N. J.	Path.
Barnert Memorial Hospital *	Paterson, N. J.	Path.
Paterson General Hospital *	Paterson, N. J.	Int. Med., Obst., Path.
St. Joseph Hospital *	Paterson, N. J.	Anes., Path.
Princeton Hospital	Princeton, N. J.	Gen'l Pract.
New Jersey Neuro-Psychiatric Institute	Skillman, N. J.	Psych.
Overlook Hospital *	Summit, N. J.	Gen'l Pract., Path.
Holy Name Hospital *	Teaneck, N. J.	Obst.
Mercer Hospital *	Trenton, N. J.	Int. Med., Path.
New Jersey State Hospital	Trenton, N. J.	Psych.
St. Francis Hospital *	Trenton, N. J.	Int. Med., Ob.-Gyn., Path., Ped., Surg.
Essex Mountain Sanatorium	Verona, N. J.	Pul. Dis.
Bataan Memorial Methodist Hospital	Albuquerque, N. Mex.	Int. Med., Path.
Veterans Admin. Hospital	Albuquerque, N. Mex.	Int. Med., Path., Pul. Dis., Surg.
Albany Hospital *	Albany, N. Y.	Anes., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Otol., Ortho. Surg., Path., Ped., Plas. Surg., Psych., Pul. Dis., Rad., Surg., Urol.
Anthony N. Brady Maternity Hospital	Albany, N. Y.	Obst.
Bender Hygenic Laboratory	Albany, N. Y.	Path.
St. Peter's Hospital *	Albany, N. Y.	Ped.
Veterans Admin. Hospital	Albany, N. Y.	Int. Med., Neur., Path., Psych., Rad., Surg.
River Crest Sanitarium	Astoria, N. Y., N. Y.	Psych.
Veterans Admin. Hospital	Bath, N. Y.	Int. Med.
Binghamton City Hospital *	Binghamton, N. Y.	Int. Med., Path.
Binghamton State Hospital	Binghamton, N. Y.	Psych.
Lawrence Hospital *	Bronxville, New York	Path.
Beth-El Hospital *	Brooklyn	Anes., Int. Med., Ob.-Gyn., Path., Ped., Surg.
Brooklyn Eye and Ear Hospital	Brooklyn	Ophth., Otol.
Brooklyn Hospital *	Brooklyn	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Brooklyn State Hospital	Brooklyn	Psych.
Brooklyn Womens Hospital	Brooklyn	Ob.-Gyn.
Coney Island Hospital *	Brooklyn	Int. Med., Ob.-Gyn., Path., Ped., Surg.
Cumberland Hospital *	Brooklyn	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Greenpoint Hospital *	Brooklyn	Int. Med., Ob.-Gyn., Path., Ped., Surg.
House of St. Giles the Cripple	Brooklyn	Ortho. Surg.
Jewish Chronic Direase Hospital	Brooklyn	Int Med., Neur., Path., Phys. Med.
Jewish Hospital *	Brooklyn	Allergy, Anes., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
Kings County Hospital *	Brooklyn	Anes., Path., Ped., Rad.
County Service	Brooklyn	Derm. Syph., Int. Med., Ortho. Surg., Otol., Ped., Plas. Surg., Pul. Dis., Surg., Thor. Surg., Urol.
University Service	Brooklyn	Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Psych., Pul. Dis., Surg., Thor. Surg., Urol.
Long Island College Hospital *	Brooklyn	Int. Med., Ob.-Gyn., Ophth., Otol., Path., Ped., Rad., Surg., Urol.
Maimonides Hospital *	Brooklyn	Anes., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg., Urol.
Methodist Hospital *	Brooklyn	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
Norwegian Lutheran Deaconess Home and Hospital *	Brooklyn	Int. Med., Ob.-Gyn., Path., Ped., Surg.
St. Catherine's Hospital *	Brooklyn	Anes., Int. Med., Ob.-Gyn., Path., Ped., Surg.
St. Charles Hospital Orthopedic Clinic	Brooklyn	Ortho. Surg.
St. John's Episcopal Hospital *	Brooklyn	Int. Med., Ob.-Gyn., Ped., Surg.
St. Mary's Hospital *	Brooklyn	Ob.-Gyn., Path.
Unity Hospital *	Brooklyn	Ob.-Gyn.
Veterans Admin. Hospital	Brooklyn	Anes., Int. Med., Neur., Ophth., Ortho. Surg., Psych., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
Wyckoff Heights Hospital *	Brooklyn	Int. Med., Ob.-Gyn., Ped., Surg.
Allied Hospitals of Sisters of Charity *	Buffalo, N. Y.	Int. Med., Ob.-Gyn., Surg.
Buffalo General Hospital *	Buffalo	Anes., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Proct., Rad., Surg., Thor. Surg., Urol.
Buffalo State Hospital	Buffalo	Psych.
Children's Hospital *	Buffalo	Ortho. Surg., Ped.
Deaconess Hospital *	Buffalo	Int. Med., Ob.-Gyn., Path., Rad., Surg.
Edward J. Meyer Memorial Hospital *	Buffalo	Anes., Derm. Syph., Int. Med., Neur., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Psych., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
Emergency Hospital of the Sisters of Charity	Buffalo	Int. Med., Surg.

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Name of Hospital	Location	Approved Residencies
Mercy Hospital *	Buffalo	Gen'l Pract.
Millard Fillmore Hospital *	Buffalo	Anes., Gen'l Pract., Int. Med., Ob.-Gyn., Path., Proct., Rad., Surg., Urol.
Roswell Park Memorial Institute	Buffalo	Int. Med., Path., Rad.
Veterans Admin. Hospital	Buffalo	Anes., Int. Med., Ortho. Surg., Path., Psych., Rad., Surg., Thor. Surg., Urol.
Veterans Admin. Hospital	Canandaigua, N. Y.	Psych.
Veterans Admin. Hospital	Castle Point, N. Y.	Thor. Surg.
Central Islip State Hospital	Central Islip, N. Y.	Psych.
Clifton Springs Sanitarium and Clinic	Clifton Springs, N. Y.	Int. Med., Surg.
Mary Imogene Bassett Hospital *	Cooperstown, N. Y.	int. Med., Ob.-Gyn., Ped., Surg.
Arnot-Ogden Memorial Hospital *	Elmira, N. Y.	Path.
St. Joseph's Hospital *	Elmira, N. Y.	Path.
Elmhurst General Hospital *	Elmhurst, New York, N. Y.	Int. Med., Neur., Ob.-Gyn., Ophth., Otol., Path., Ped., Phys. Med., Pul. Dis., Rad., Surg., Urol.
Nassau County Tuberculosis Hospital	Farmingdale, N. Y.	Pul. Dis.
St. Joseph's Hospital	Far Rockaway, N. Y.	Gen'l Pract.
Flushing Hospital and Dispensary *	Flushing, N. Y.	Anes., Int. Med., Ob-Gyn., Path., Ped., Rad., Surg.
Hillside Hospital	Glen Oaks, N. Y.	Psych.
Glens Falls Hospital *	Glens Falls, N. Y.	Path.
St. Vincent's Hospital	Harrison, N. Y.	Psych.
Gowanda State Homeopathic Hospital	Helmuth, N. Y.	Psych.
Meadowbrook Hospital *	Hemnstead, N. Y.	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Urol.
Irvington House	Irvington, N. Y.	Card. Dis.
Cornell University Infirmary	Ithaca, N. Y.	Int. Med.
Tompkins Memorial Hospital	Ithaca, N. Y.	Int. Med.
Jamaica Hospital *	Jamaica, N. Y.	Int. Med., Ob.-Gyn., Surg.
Mary Immaculate Hospital *	Jamaica, N. Y.	Int. Med., Obst., Path., Ped., Surg.
Queens General Hospital *	Jamaica, N. Y.	Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
Triboro Hospital	Jamaica, N. Y.	Pul. Dis., Thor. Surg.
Charles S. Wilson Memorial Hospital *	Johnson City, N. Y.	Int. Med., Ob.-Gyn., Path., Rad., Surg.
Pinewood Sanitarium	Katona, N. Y.	Psych.
Kings Park State Hospital	Kings Park, N. Y.	Psych.
Kingston Hospital	Kingston, N. Y.	Gen'l Pract.
Ulster County Tuberculosis Hospital	Kingston, N. Y.	Path., Pul. Dis.
Our Lady of Victory Hospital *	Lackawanna, N. Y.	Gen'l Pract.
Niagara Sanatorium	Lockport, N. Y.	Pul. Dis.
St. Johns Long Island City Hospital *	Long Island City, N. Y.	Path.
North Shore Hospital	Manhasset, N. Y.	Int. Med., Ob.-Gyn., Path., Ped.
Marcy State Hospital	Marcy, N. Y.	Psych.
Middletown State Hospital	Middletown, N. Y.	Psych.
Nassau Hospital *	Mineola, N. Y.	Ob.-Gyn., Ortho. Surg., Path., Surg.
Veterans Admin. Hospital	Montrose, N. Y.	Psych.
Mount Morris Tuberculosis Hospital	Mount Morris, N. Y.	Pul. Dis., Thor. Surg.
Mount Vernon Hospital *	Mount Vernon, N. Y.	Int. Med., Ob., Path.
Long Island Jewish Hospital *	New Hyde Park, L. I., N. Y.	Anes., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
New Rochelle Hospital *	New Rochelle, N. Y.	Int. Med., Path., Rad., Surg.
Bellevue Hospital Center		
Div. I—Columbia University *	New York City	Int. Med., Pul. Dis., Surg., Thor. Surg.
Div. II—Cornell University *	New York City	Int. Med., Neur. Surg., Urol.
Div. III—New York University College of Medicine *	New York City	Int. Med., Neur., Ob.-Gyn., Path., Ped., Phys. Med., Psych., Rad., Surg.
Div. IV—New York University Post-Graduate Medical School *	New York City	Anes., Derm. Syph., Int. Med., Neuro. Surg., Ophth., Otol., Ortho. Surg., Rad., Surg., Urol.
Beth David Hospital *	New York City	Int. Med., Ob.-Gyn., Rad., Surg.
Beth Israel Hospital *	New York City	Anes., Int. Med., Neur. Surg., Ob.-Gyn., Ophth., Path., Plas. Surg., Rad., Surg., Urol.
Bird S. Coler Memorial Hospital and Home	New York City	Int. Med., Phys. Med.
Bronx Eye and Ear Infirmary	New York City	Ophth.
Bronx Hospital *	New York City	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Bronx Municipal Hospital Center *	New York, N. Y.	Int. Med., Ob.-Gyn., Path., Ped., Phys. Med., Psych., Pul. Dis., Rad., Thor. Surg., Urol.
Columbus Hospital *	New York City	Int. Med., Surg.
Doctors Hospital	New York City	Path., Rad.
Flower and Fifth Avenue Hospitals	New York City	Anes., Int., Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Fordham Hospital *	New York City	Int. Med., Neur., Ob.-Gyn., Path., Ped., Rad., Surg., Urol.
Francis Delafield Hospital	New York City	Gyn., Int. Med., Path., Rad., Surg.
French Hospital *	New York City	Int. Med., Ob.-Gyn., Surg., Urol.
Goldwater Memorial Hospital	New York City	
Open Div. II		Ophth., Path., Phys. Med., Rad., Surg.
University Div. III		Int. Med., Neur.
Gouverneur Hospital	New York City	Surg.
Harlem Eye and Ear Hospital	New York City	Ophth., Otol.
Harlem Hospital *	New York City	Int. Med., Ob.-Gyn., Path., Ped., Surg.
Hospital for Joint Diseases *	New York City	Anes., Int. Med., Gyn., Ortho. Surg., Path., Phys. Med., Rad., Surg.
Hospital for Special Surgery	New York City	Ortho. Surg., Phys. Med.
Jewish Memorial Hospital *	New York City	Int. Med., Ob.-Gyn., Path., Surg.
Knickerbocker Hospital *	New York City	Int. Med., Path., Surg.
Lebanon Hospital *	New York City	Int. Med., Path., Surg.
Lenox Hill Hospital *	New York City	Anes., Card. Dis., Int. Med., Ob.-Gyn., Ophth., Path., Ped., Psych., Rad., Surg.
Lincoln Hospital *	New York City	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg., Urol.
Manhattan Eye, Ear and Throat Hospital	New York City	Ophth., Otol.
Manhattan General Hospital	New York City	Pul. Dis.
Manhattan State Hospital	New York City	Psych.
Memorial Center for Cancer and Allied Diseases	New York City	Anes., Card. Dis., Int. Med., Path., Rad.
Metropolitan Hospital	New York City	Anes., Int. Med., Neur., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Phys. Med., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
Misericordia Hospital *	New York City	Int. Med., Obst., Path., Ped., Surg.
Montefiore Hospital *	New York City	Anes., Int. Med., Mal. Dis., Neur., Ophth., Path., Phys. Med., Pul. Dis., Rad., Surg., Thor. Surg.
Morrisania City Hospital *	New York City	Int. Med., Neur., Ob.-Gyn., Path., Ped., Pul. Dis., Rad., Surg., Urol.
Mother Cabrini Memorial Hospital *	New York City	Surg.
Mount Sinai Hospital *	New York City	Anes., Derm. Syph., Gastro., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Phys. Med., Psych., Rad., Surg., Urol.
New York Eye and Ear Infirmary	New York City	Ophth., Otol.
New York Hospital *	New York City	Allergy. Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Path., Ped., Plas. Surg., Psych., Rad., Surg., Urol.
New York Infirmary *	New York City	Int. Med., Ob.-Gyn., Ped., Surg.
New York Polyclinic Medical School and Hospital *	New York City	Anes., Derm. Syph., Gastro., Int. Med., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
New York State Psychiatric Institute and Hospital	New York City	Psych.
New York University-Bellevue Medical Center University Hospital	New York City	Allergy, Derm. Syph., Int. Med., Gyn., Path., Ped., Psych., Rad.
Presbyterian Hospital *	New York City	Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path. Ped., Phys. Med., Plas. Surg., Rad., Surg., Urol.
Roosevelt Hospital *	New York City	Allergy, Int. Med., Gyn., Otol., Path., Ped., Psych., Rad., Surg., Urol.
St. Barnabas Hospital for Chronic Diseases	New York City	Int. Med., Path., Phys. Med.
St. Clare's Hospital *	New York City	Anes., Int. Med., Ob.-Gyn., Path., Ped., Surg., Urol.

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Name of Hospital	Location	Approved Residencies
St. Francis Hospital *	New York City	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
St. Joseph Hospital for Chest Diseases	New York City	Pul. Dis., Thor. Surg.
St. Luke's Hospital *	New York City	Anes., Card. Dis., Derm. Syph., Int. Med., Ophth., Otol., Ortho. Surg., Path., Ped., Phys. Med., Psych., Rad., Surg., Urol.
St. Vincent's Hospital *	New York City	Anes., Int. Med., Neuro. Surg., Ob.-Gyn., Path., Ped., Rad., Surg.
Sydenham Hospital *	New York City	Int. Med., Ob.-Gyn., Rad., Surg.
Veterans Admin. Hospital	New York City (Bronx)	Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ophth., Otol., Ortho. Surg., Path., Phys. Med., Plas. Surg., Psych., Rad., Surg., Thor. Surg., Urol.
Veterans Admin. Hospital	New York City (Manhattan)	Derm. Syph., Int. Med., Neur., Ophth., Ortho. Surg., Phys. Med., Psych., Surg., Urol.
Woman's Hospital	New York City	Ob.-Gyn.
St. Lawrence State Hospital	Ogdensburg, N. Y.	Psych.
Homer Folks Tuberculosis Hospital	Oneonta, N. Y.	Pul. Dis., Thor. Surg.
Rockland State Hospital	Orangeburg, N. Y.	Psych.
Stony Lodge Sanitarium	Ossining, N. Y.	Psych.
High Point Hospital	Port Chester, N. Y.	Psych.
United Hospital *	Port Chester, N. Y.	Int. Med., Obst., Path., Rad., Surg.
St. Charles Hospital	Port Jefferson, N. Y.	Ortho. Surg.
Hudson River State Hospital	Poughkeepsie, N. Y.	Psych.
Vassar Brothers Hospital	Poughkeepsie, N. Y.	Path.
Creedmoor State Hospital	Queens Village, N. Y.	Psych.
Raybrook State Tuberculosis Hospital	Raybrook, N. Y.	Pul. Dis., Thor. Surg.
Genesee Hospital *	Rochester, N. Y.	Anes., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Highland Hospital *	Rochester, N. Y.	Int. Med., Ob.-Gyn., Surg.
Iola-Monroe County Tuberculosis Sanatorium	Rochester, N. Y.	Pul. Dis.
Rochester General Hospital *	Rochester, N. Y.	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Rad., Surg.
Rochester State Hospital	Rochester, N. Y.	Psych.
St. Mary's Hospital *	Rochester, N. Y.	Anes., Int. Med., Ob.-Gyn., Ophth., Path., Ped., Rad., Surg.
Strong Memorial-Rochester Municipal Hospitals *	Rochester, N. Y.	Anes., Int. Med., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Plas. Surg., Psych., Rad., Surg., Urol.
St. Francis Sanatorium for Cardiac Children	Roslyn, L. I., N. Y.	Card. Dis.
U. S. Naval Hospital *	St. Albans, N. Y.	Anes., Int. Med., Ob.-Gyn., Ophth., Path., Rad., Surg., Thor. Surg., Urol.
Ellis Hospital *	Schenectady, N. Y.	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Psych., Surg.
Glenridge Sanatorium	Schenectady, N. Y.	Pul. Dis.
U. S. Public Health Service Hospital *	Stapleton (Staten Island), N. Y.	Anes., Derm., Syph., Int. Med., Ophth., Path., Psych., Rad., Surg., Urol.
St. Vincent's Hospital *	Staten Island, N. Y.	Ortho. Surg., Path.
Sea View Hospital	Staten Island, N. Y.	Ophth., Ortho. Surg., Ped., Pul. Dis., Thor. Surg.
Staten Island Hospital *	Staten Island, N. Y.	Int. Med., Path.
Veterans Admin. Hospital	Sunmount, N. Y.	Pul. Dis., Thor. Surg.
General Hospital *	Syracuse, N. Y.	Ob.-Gyn.
St. Joseph's Hospital *	Syracuse, N. Y.	Anes., Ob.-Gyn., Path., Ped.
State University of New York Medical Center *	Syracuse, N. Y.	Anes., Int. Med., Ob.-Gyn., Ophth., Otol., Path., Ped., Plas. Surg., Psych., Rad., Surg.
Syracuse Psychopathic Hospital	Syracuse, N. Y.	Psych.
Veterans Admin. Hospital	Syracuse, N. Y.	Path., Psych.
Letchworth Village	Theills, N. Y.	Psych.
Samaritan Hospital *	Troy, N. Y.	Path.
Broadacres Sanatorium	Utica, N. Y.	Pul. Dis.
Utica State Hospital	Utica, N. Y.	Path., Psych.
Grasslands Hospital *	Valhalla, N. Y.	Anes., Int. Med., Ophth., Path., Ped., Psych., Pul. Dis., Rad., Surg.
Pilgrim State Hospital	West Brentwood, N. Y.	Psych.
Rehabilitation Hospital	West Haverstraw, N. Y.	Ortho. Surg.
New York Hospital-Westchester Division	White Plains, N. Y.	Psych.
White Plains Hospital *	White Plains, N. Y.	Int. Med.
Willard State Hospital	Willard, N. Y.	Psych.
Harlem Valley State Hospital	Wingdale, N. Y.	Psych.
St. John's Riverside Hospital *	Yonkers, N. Y.	Path., Rad.
North Carolina Memorial Hospital *	Chapel Hill, N. C.	Anes., Int. Med., Neur., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Psych., Rad., Surg.
Charlotte Memorial Hospital *	Charlotte, N. C.	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Surg., Thor. Surg., Urol.
Mercy Hospital *	Charlotte, N. C.	Gen'l Pract.
Duke Hospital *	Durham, N. C.	Allergy, Anes., Card. Dis., Derm. Syph., Gastro., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Ophth.-Otol., Ortho. Surg., Path., Ped., Plas. Surg., Psych., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
Lincoln Hospital *	Durham, N. C.	Ob.-Gyn., Surg.
McPherson Hospital	Durham, N. C.	Ophth., Otol.
Veterans Admin. Hospital	Durham, N. C.	Int. Med., Ortho. Surg., Path., Plas. Surg., Psych., Rad., Surg.
Watts Hospital *	Durham, N. C.	Int. Med., Ob.-Gyn., Path., Ped., Rad., Urol.
U. S. Army Hospital	Fort Bragg, N. C.	Surg.
North Carolina Orthopedic Hospital	Gastonia, N. C.	Ortho. Surg.
Moses H. Cone Memorial Hospital *	Greensboro, N. C.	Path.
North Carolina Sanatorium for the Treatment of Tuberculosis	McCain, N. C.	Pul. Dis.
Veterans Admin. Hospital	Oteen, N. C.	Path., Pul. Dis., Thor. Surg.
Rex Hospital *	Raleigh, N. C.	Int. Med., Ob.-Gyn., Ped., Surg.
St. Agnes Hospital *	Raleigh, N. C.	Int. Med., Ob.-Gyn., Surg.
State Hospital	Raleigh, N. C.	Psych.
Babies Hospital	Wilmington, N. C.	Ped.
City Memorial Hospital *	Winston-Salem, N. C.	Gen'l Pract., Int. Med., Ob.-Gyn., Ped., Surg.
Kate Bitting Reynolds Memorial Hospital *	Winston-Salem, N. C.	Int. Med., Surg.
North Carolina Baptist Hospital *	Winston-Salem, N. C.	Anes., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Psych., Rad., Surg., Thor. Surg., Urol.
Bismarck Hospital	Bismarck, N. Dak.	Int. Med., Rad., Surg.
St. Luke's Hospital *	Fargo, N. Dak.	Int. Med., Ob.-Gyn., Surg.
Akron City Hospital *	Akron, Ohio	Gen'l Prac., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Rad., Surg., Urol.
Akron General Hospital *	Akron, Ohio	Gen'l Pract., Int. Med., Ob-Gyn., Path., Rad., Surg.
Children's Hospital	Akron, Ohio	Ortho. Surg., Ped., Surg.
St. Thomas Hospital *	Akron, Ohio	Gen'l Pract., Int. Med., Surg.
Veterans Admin. Hospital	Brecksville, Ohio	Pul. Dis.
Aultman Hospital *	Canton, Ohio	Int. Med., Ob.-Gyn., Path., Rad., Surg.
Mercy Hospital *	Canton, Ohio	Anes., Gen'l Pract., Int. Med., Ob.-Gyn., Rad., Surg.
Windsor Hospital	Chagrin Falls, Ohio	Psych.
Bethesda Hospital *	Cincinnati	Int. Med., Ob.-Gyn., Path.
Children's Hospital	Cincinnati	Ortho. Surg., Ped., Surg.
Christ Hospital *	Cincinnati	Anes., Gen'l Pract., Int. Med., Neuro. Surg., Path., Psych., Surg.
Cincinnati General Hospital *	Cincinnati	Card. Dis., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Psych., Rad., Surg., Urol.
Deaconess Hospital *	Cincinnati	Int. Med., Surg.
Good Samaritan Hospital *	Cincinnati	Gen'l Pract., Int. Med., Neuro. Surg., Path., Ped., Rad., Surg.
Jewish Hospital *	Cincinnati	Int. Med., Ortho. Surg., Path., Psych., Rad., Surg.
Longview State Hospital	Cincinnati	Psych.
St. Mary's Hospital *	Cincinnati	Int. Med., Surg.
City Hospital *	Cleveland	Anes., Derm. Syph., Int. Med., Neuro. Surg., Ob.-Gyn., Ophth., Path., Ped., Phys. Med., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
Cleveland Clinic Hospital *	Cleveland	Anes., Card. Dis., Derm. Syph., Gastro., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Phys. Med., Psych., Rad., Surg., Urol.
Cleveland Receiving Hospital	Cleveland	Psych.
Evangelical Deaconess Hospital *	Cleveland	Ob.-Gyn., Surg.
Fairview Park Hospital *	Cleveland	Int. Med., Ob.-Gyn., Surg.
Highland View Cuyahoga County Hospital	Cleveland	Int. Med., Phys. Med.

* Indicates hospitals approved for training interns.

Name of Hospital	Location	Approved Residencies
Huron Road Hospital *	Cleveland	Anes., Int. Med., Ob.-Gyn., Path., Rad., Surg., Urol.
Lutheran Hospital *	Cleveland	Int. Med., Obst., Path., Rad., Surg.
Mount Sinai Hospital *	Cleveland	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Rad., Surg.
St. Alexis Hospital *	Cleveland	Anes., Int. Med., Obst., Surg.
St. Ann Hospital	Cleveland	Obst.
St. John's Hospital *	Cleveland	Int. Med., Ob.-Gyn., Surg.
St. Luke's Hospital *	Cleveland	Anes., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Rad., Surg.
St. Vincent Charity Hospital *	Cleveland	Int. Med., Path., Rad., Surg.
Sunny Acres, Cuyahoga County Tuberculosis Hospital	Cleveland	Pul. Dis., Thor. Surg.
University Hospitals *	Cleveland	Anes., Card. Dis., Derm. Syph., Int. Med., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Urol.
Veterans Admin. Hospital	Cleveland	Int. Med., Neuro. Surg., Ophth., Ortho. Surg., Otol., Path., Phys. Med., Psych., Rad., Surg., Thor. Surg., Urol.
Doctors Hospital	Cleveland Heights	Surg.
Benjamin Franklin Hospital	Columbus, Ohio	Thor. Surg.
Children's Hospital	Columbus, Ohio	Ophth., Otol., Ortho. Surg., Path., Ped., Surg.
Columbus State Hospital	Columbus, Ohio	Psych.
Grant Hospital *	Columbus, Ohio	Path.
Mount Carmel Hospital *	Columbus, Ohio	Gen'l Pract., Int. Med., Ob.-Gyn., Ortho. Surg., Surg.
Ohio State University Hospitals		
Columbus Receiving Hospital	Columbus, Ohio	Psych.
Ohio Tuberculosis Hospital	Columbus, Ohio	Pul. Dis., Thor. Surg.
University Hospital *	Columbus, Ohio	Allergy, Anes., Card. Dis., Gastro., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Phys. Med., Plas. Surg., Psych., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
St. Ann Hospital for Women	Columbus, Ohio	Ob.-Gyn.
White Cross Hospital *	Columbus, Ohio	Card. Dis., Gen'l Pract., Int. Med., Neuro. Surg., Ob.-Gyn., Ortho. Surg., Path., Surg.
Good Samaritan Hospital *	Dayton, Ohio	Ob.-Gyn., Surg.
Miami Valley Hospital *	Dayton, Ohio	Gen'l Pract., Obst., Path., Rad., Surg.
St. Elizabeth Hospital *	Dayton, Ohio	Rad., Surg.
Veterans Admin. Hospital	Dayton, Ohio	Int. Med., Path., Phys. Med., Rad., Surg., Urol.
Elyria Memorial Hospital and Gates Hospital for Crippled Children *	Elyria, Ohio	Ortho. Surg., Rad.
Euclid-Glenville Hospital *	Euclid, Ohio	Gen'l Pract.
Holzer Hospital	Gallipolis, Ohio	Surg.
Marymount Hospital *	Garfield Heights, Ohio	Anes., Int. Med., Ob.-Gyn., Surg.
Mercy Hospital *	Hamilton, Ohio	Path., Surg.
Lakewood Hospital *	Lakewood, Ohio	Int. Med., Ob.-Gyn., Surg.
Lima Memorial Hospital *	Lima, Ohio	Gen'l Pract., Int. Med., Ob.-Gyn., Surg.
St. Rita's Hospital *	Lima, Ohio	Gen'l Pract., Int. Med., Obst., Path., Surg.
Mansfield General Hospital	Mansfield, Ohio	Surg.
Springfield City Hospital *	Springfield, Ohio	Path.
Maumee Valley Hospital *	Toledo, Ohio	Int. Med., Obst., Surg.
Mercy Hospital *	Toledo, Ohio	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
St. Charles Hospital *	Toledo, Ohio	Psych.
St. Vincent's Hospital *	Toledo, Ohio	Gen'l Pract., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Surg., Urol.
Toledo Hospital *	Toledo, Ohio	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Ped., Rad.
Harding Sanitarium	Worthington, Ohio	Psych.
Mahoning County Tuberculosis Sanitorium	Youngstown, Ohio	Pul. Dis.
St. Elizabeth Hospital *	Youngstown, Ohio	Anes., Int. Med., Ob.-Gyn., Path., Surg.
Youngstown Hospital *	Youngstown, Ohio	Anes., Gen'l Pract., Int. Med., Ortho. Surg., Path., Proct., Rad., Surg.
Central Oklahoma State Hospital	Norman, Okla.	Psych.
Bone and Joint Hospital and McBride Clinic	Oklahoma City	Ortho. Surg.
St. Anthony Hospital *	Oklahoma City	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Surg.
University Hospitals *	Oklahoma City	Anes., Derm. Syph., Gen'l Pract., Int. Med., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Plas. Surg., Psych., Rad., Surg., Urol.
Veterans Admin. Hospital *	Oklahoma City	Int. Med., Ortho. Surg., Phys. Med., Rad., Surg.
Wesley Hospital *	Oklahoma City	Int. Med., Ob.-Gyn., Rad., Surg.
Hillcrest Medical Center *	Tulsa, Okla.	Path., Ped.
St. John's Hospital *	Tulsa, Okla.	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg., Urol.
Emanuel Hospital *	Portland, Ore.	Int. Med., Ob.-Gyn., Ortho. Surg., Path.
Good Samaritan Hospital *	Portland, Ore.	Int. Med., Path., Surg.
Providence Hospital *	Portland, Ore.	Int. Med., Path., Rad., Surg.
St. Vincent's Hospital *	Portland, Ore.	Int. Med., Obst., Path., Rad., Surg., Urol.
Shriners Hospital for Crippled Children	Portland, Ore.	Ortho. Surg.
University of Oregon Medical School Hospitals and Clinics *	Portland, Ore.	Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Rad., Surg., Thor. Surg., Urol.
Veterans Admin. Hospital	Portland, Ore.	Int. Med., Ortho. Surg., Otol., Phys. Med., Rad., Surg., Urol.
Oregon State Hospital	Salem, Ore.	Psych.
Abington Memorial Hospital *	Abington, Pa.	Int. Med., Ob.-Gyn., Path., Psych., Rad., Surg.
Allentown Hospital *	Allentown, Pa.	Int. Med., Ob.-Gyn., Path., Plas. Surg., Proct., Surg., Urol.
Sacred Heart Hospital *	Allentown, Pa.	Int. Med., Path., Rad., Surg.
St. Luke's Hospital *	Bethlehem, Pa.	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Surg.
Bradford Hospital	Bradford, Pa.	Gen'l Pract., Surg.
Bryn Mawr Hospital *	Bryn Mawr, Pa.	Int. Med., Ob.-Gyn., Path., Rad., Surg.
Chester Hospital *	Chester, Pa.	Gen'l Pract., Path.
Veterans Admin. Hospital	Coatesville, Pa.	Psych.
Danville State Hospital	Danville, Pa.	Psych.
George F. Geisinger Memorial Hospital *	Danville, Pa.	Anes., Gen'l Pract., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Rad., Surg., Urol.
Fitzgerald-Mercy Hospital *	Darby, Pa.	Gen'l Pract., Ob.-Gyn., Path., Rad.
Eagleville Sanatorium for Consumptives	Eagleville, Pa.	Pul. Dis.
Easton Hospital *	Easton, Pa.	Int. Med., Surg.
State Hospital for Crippled Children	Elizabethtown, Pa.	Ortho. Surg.
Embreeville State Hospital	Embreeville, Pa.	Psych.
Hamot Hospital *	Erie, Pa.	Int. Med., Ortho. Surg., Path., Surg.
St. Vincent's Hospital *	Erie, Pa.	Path., Rad., Surg., Urol.
Westmoreland Hospital *	Greensburg, Pa.	Int. Med.
Pennsylvania State Sanatorium for Tuberculosis	Hamburg, Pa.	Pul. Dis.
Harrisburg Hospital *	Harrisburg, Pa.	Int. Med., Ob.-Gyn., Surg., Urol.
Harrisburg Polyclinic Hospital *	Harrisburg, Pa.	Int. Med., Path., Ped., Surg.
Harrisburg State Hospital	Harrisburg, Pa.	Psych.
Hazleton State Hospital	Hazleton, Pa.	Surg.
Lancaster General Hospital *	Lancaster, Pa.	Path.
St. Joseph's Hospital *	Lancaster, Pa.	Gen'l Pract., Path., Surg.
Norristown State Hospital	Norristown, Pa.	Psych.
Sacred Heart Hospital *	Norristown, Pa.	Gen'l Pract.
Albert Einstein Medical Center		
Northern Division *	Philadelphia	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Southern Division *	Philadelphia	Int. Med., Ob.-Gyn., Path., Ped., Psych., Rad., Surg.
American Oncologic Hospital	Philadelphia	Mal. Dis., Rad.
Chestnut Hill Hospital *	Philadelphia	Int. Med., Ob.-Gyn., Rad.
Children's Hospital	Philadelphia	Ortho. Surg., Ped., Surg.
Episcopal Hospital *	Philadelphia	Int. Med., Ob.-Gyn., Path., Rad., Surg., Thor. Surg., Urol.
Frankford Hospital *	Philadelphia	Int. Med., Ob.-Gyn., Path., Surg.
Friends Hospital	Philadelphia	Psych.
Germantown Dispensary and Hospital *	Philadelphia	Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg., Urol.

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Name of Hospital	Location	Approved Residencies
Graduate Hospital of the University of Pennsylvania *	Philadelphia	Anes., Card. Dis., Derm. Syph., Gastro., Gyn., Int. Med., Neur., Neuro. Surg., Ophth., Ortho. Surg., Otol., Path., Ped., Plas. Surg., Pul. Dis., Rad., Surg., Urol.
Hahnemann Medical College and Hospital *	Philadelphia	Anes., Derm. Syph., Int. Med., Neur. Surg., Ob.-Gyn., Ortho. Surg., Path., Ped., Rad., Surg., Thor. Surg., Urol.
Hospital of the University of Pennsylvania *	Philadelphia	Anes., Derm. Syph., Gastro., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Phys. Med., Psych., Pul. Dis., Rad., Surg., Urol.
Hospital of the Women's College of Pennsylvania *	Philadelphia	Anes., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Institute of the Pennsylvania Hospital	Philadelphia	Psych.
Jeanes Hospital	Philadelphia	Mal. Dis., Rad.
Jefferson Medical College Hospital *	Philadelphia	Anes., Derm. Syph., Gastro., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Psych., Rad., Surg., Urol.
Lankenau Hospital *	Philadelphia	Int. Med., Obst., Path., Surg., Urol.
Methodist Episcopal Hospital *	Philadelphia	Int. Med., Ob.-Gyn., Surg.
Misericordia Hospital *	Philadelphia	Ob.-Gyn., Path.
Nazareth Hospital *	Philadelphia	Rad.
Pennsylvania Hospital *	Philadelphia	Anes., Card. Dis., Derm. Syph., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Rad., Surg., Urol.
Pennsylvania Hospital-Department for Mental and Nervous Diseases	Philadelphia	Psych.
Philadelphia General Hospital *	Philadelphia	Anes., Card. Dis., Derm. Syph., Int. Med., Neur., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Phys. Med., Psych., Rad., Surg., Thor. Surg., Urol.
Philadelphia General Hospital—Northern Division	Philadelphia	Con. Dis., Obst.
Philadelphia Psychiatric Hospital	Philadelphia	Psych.
Philadelphia State Hospital	Philadelphia	Psych.
Presbyterian Hospital *	Philadelphia	Anes., Int. Med., Ob.-Gyn., Path., Rad., Surg., Urol.
St. Christopher's Hospital for Children	Philadelphia	Ped.
St. Joseph's Hospital *	Philadelphia	Surg.
St. Luke's and Children's Medical Center *	Philadelphia	Ped.
St. Mary's Hospital	Philadelphia	Gen'l Pract., Surg.
Shriners Hospital for Crippled Children	Philadelphia	Ortho. Surg.
Skin and Cancer Hospital	Philadelphia	Derm. Syph.
Temple University Hospital *	Philadelphia	Allergy, Anes., Card. Dis., Gastro., Int. Med., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Proct., Psych., Rad., Surg., Urol.
U. S. Naval Hospital *	Philadelphia	Anes., Derm. Syph., Int. Med., Neur., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Psych., Rad., Surg., Urol.
Veterans Admin. Hospital	Philadelphia	Int. Med., Ortho. Surg., Path., Phys. Med., Psych., Rad., Surg., Urol.
Wills Eye Hospital	Philadelphia	Ophth.
Woman's Hospital *	Philadelphia	Int. Med., Ob.-Gyn., Surg.
Valley Forge Army Hospital *	Phoenixville, Pa.	Int. Med., Surg.
Allegheny General Hospital *	Pittsburgh	Anes., Int. Med., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
Children's Hospital	Pittsburgh	Ortho. Surg., Path., Ped., Surg.
Elizabeth Steel Magee Hospital	Pittsburgh	Int. Med., Ob.-Gyn., Path.
Eye and Ear Hospital	Pittsburgh	Ophth., Otol.
Mercy Hospital *	Pittsburgh	Anes., Int. Med., Neuro. Surg., Ob.-Gyn., Otol., Path., Rad., Surg., Urol.
Montefiore Hospital *	Pittsburgh	Allergy, Anes., Int. Med., Obst., Ophth., Path., Rad., Surg.
Pittsburgh Hospital *	Pittsburgh	Int. Med., Ob.-Gyn.
Pittsburgh Medical Center	Pittsburgh	Neuro. Surg., Rad., Urol.
Presbyterian Hospital *	Pittsburgh	Card. Dis., Int. Med., Neuro. Surg., Ortho. Surg., Path., Plas. Surg., Proct., Surg., Urol.
St. Francis General Hospital and Rehabilitation Institute *	Pittsburgh	Anes., Card. Dis., Int. Med., Neur., Ob.-Gyn., Ortho. Surg., Path., Psych., Rad., Surg.
St. John's General Hospital *	Pittsburgh	Gen'l Pract.
St. Margaret Memorial Hospital *	Pittsburgh	Int. Med., Ob.-Gyn., Path.
Shadyside Hospital *	Pittsburgh	Path.
South Side Hospital *	Pittsburgh	Ob.-Gyn., Path.
Veterans Admin. Hospital	Pittsburgh	Allergy, Int. Med., Neur., Ophth., Otol., Path., Phys. Med., Rad., Surg., Urol.
Western Pennsylvania Hospital *	Pittsburgh	Int. Med., Obst., Path., Ped., Rad., Surg.
Western State Psychiatric Institute and Clinic	Pittsburgh	Psych.
Community General Hospital *	Reading, Pa.	Gen'l Pract., Path.
Reading Hospital *	Reading, Pa.	Anes., Int. Med., Gyn., Ortho. Surg., Path., Rad., Surg.
St. Joseph's Hospital *	Reading, Pa.	Int. Med., Path., Rad., Surg.
Robert Packer Hospital *	Sayre, Pa.	Anes., Int. Med., Neuro. Surg., Ophth., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
Scranton State Hospital *	Scranton, Pa.	Int. Med., Path.
Sharon General Hospital *	Sharon, Pa.	Gen'l Pract., Rad.
Mont Alto State Sanatorium (Pennsylvania State Sanatorium No. 1)	South Mountain, Pa.	Pul. Dis.
Warren State Hospital	Warren, Pa.	Psych.
Chester County Hospital *	West Chester, Pa.	Rad.
Mercy Hospital *	Wilkes-Barre, Pa.	Surg., Urol.
Wilkes-Barre General Hospital *	Wilkes-Barre, Pa.	Int. Med., Path., Surg., Urol.
Columbia Hospital *	Wilkinsburg, Pa.	Surg.
Williamsport Hospital *	Williamsport, Pa.	Path., Surg.
Woodville State Hospital	Woodville, Pa.	Psych.
York Hospital *	York, Pa.	Int. Med., Path., Surg.
State Hospital for Mental Diseases	Howard, R. I.	Psych.
Memorial Hospital *	Pawtucket, R. I.	Gen'l Pract.
Charles V. Chapin Hospital	Providence, R. I.	Ped., Psych.
Miriam Hospital *	Providence, R. I.	Anes.
Providence Lying-In Hospital	Providence, R. I.	Obst.
Rhode Island Hospital *	Providence, R. I.	Anes., Card. Dis., Int. Med., Gyn., Ortho. Surg., Otol., Path., Ped., Rad., Surg., Urol.
Roger Williams General Hospital *	Providence, R. I.	Rad.
Veterans Admin. Hospital	Providence, R. I.	Int. Med., Surg.
Emma Pendleton Bradley Home	Riverside, R. I.	Psych.
Roper Hospital *	Charleston, S. C.	Anes., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Rad., Surg., Urol.
Columbia Hospital *	Columbia, S. C.	Ob.-Gyn., Ortho. Surg., Ped., Rad., Surg.
Veterans Admin. Hospital	Columbia, S. C.	Int. Med., Ortho. Surg., Surg.
McLeod Infirmary *	Florence, S. C.	Ob.-Gyn.
Greenville General Hospital *	Greenville, S. C.	Gen'l Pract., Ob.-Gyn., Ortho. Surg., Path., Surg.
Shriners Hospital for Crippled Children	Greenville, S. C.	Ortho. Surg.
Orangeburg Regional Hospital *	Orangeburg, S. C.	Urol.
Spartanburg General Hospital *	Spartanburg, S. C.	Gen'l Pract., Rad.
Sacred Heart Hospital *	Yankton, S. Dak.	Gen'l Pract., Surg.

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Name of Hospital	Location	Approved Residencies
Baroness Erlanger Hospital *	Chattanooga, Tenn.	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Rad., Surg.
Memorial Hospital	Chattanooga, Tenn.	Int. Med., Ob.-Gyn.
Newell Hospital	Chattanooga, Tenn.	Surg.
T. C. Thompson Children's Hospital	Chattanooga, Tenn.	Ped.
East Tennessee Baptist Hospital *	Knoxville, Tenn.	Path.
Memorial Research Center and Hospital * (Knoxville General Hospital)	Knoxville, Tenn.	Ob.-Gyn.
St. Mary's Memorial Hospital *	Knoxville, Tenn.	Gen'l Pract., Int. Med., Path., Surg.
Madison Sanitarium and Hospital	Madison College, Tenn.	Gen'l Pract.
Baptist Memorial Hospital *	Memphis, Tenn.	Int. Med., Neuro. Surg., Ob.-Gyn., Path., Rad., Surg., Thor. Surg., Urol.
Campbell Clinic Hospital	Memphis, Tenn.	Ortho. Surg.
Gailor Memorial Psychiatric Hospital	Memphis, Tenn.	Psych.
John Gaston Hospital *	Memphis, Tenn.	Int. Med., Ob.-Gyn., Ophth., Otol., Path., Ped., Rad., Surg., Urol.
Le Bonheur Children's Hospital	Memphis, Tenn.	Ped.
Memphis Eye, Ear, Nose and Throat Hospital	Memphis, Tenn.	Ophth.
Methodist Hospital *	Memphis, Tenn.	Path., Rad., Surg.
St. Joseph's Hospital *	Memphis, Tenn.	Int. Med., Ob.-Gyn., Path., Ped., Surg.
Veterans Admin. Hospital	Memphis, Tenn.	Gastro., Int. Med., Neuro. Surg., Ophth., Ortho. Surg., Otol., Path., Phys. Med., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
West Tennessee Tuberculosis Hospital	Memphis, Tenn.	Pul. Dis., Thor. Surg.
Baptist Hospital *	Nashville, Tenn.	Int. Med., Ob.-Gyn., Path., Surg.
George W. Hubbard Hospital of Meharry Medical College *	Nashville, Tenn.	Int. Med., Obst., Path., Ped., Rad., Surg.
Nashville General Hospital *	Nashville, Tenn.	Int. Med., Ob.-Gyn., Path., Surg.
St. Thomas Hospital *	Nashville, Tenn.	Int. Med., Obst., Surg.
Vanderbilt University Hospital *	Nashville, Tenn.	Anes., Int. Med., Neuro. Surg., Ob.-Gyn., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Thor. Surg., Urol.
Veterans Admin. Hospital	Nashville, Tenn.	Int. Med., Path., Psych., Rad., Surg.
Oak Ridge Institute of Nuclear Studies	Oak Ridge, Tenn.	Int. Med.
Oakville Memorial Sanatorium	Oakville, Tenn.	Pul. Dis.
Brackenridge Hospital *	Austin, Texas	Ob.-Gyn., Path., Rad., Surg.
Driscoll Foundation Children's Hospital	Corpus Christi, Texas	Ped.
Baylor University Hospital *	Dallas, Texas	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Phys. Med., Plas. Surg., Proct., Rad., Surg., Thor. Surg.
Children's Medical Center *	Dallas, Texas	Ped.
Gaston Hospital	Dallas, Texas	Surg.
Methodist Hospital *	Dallas, Texas	Int. Med., Ob.-Gyn., Path., Rad., Surg.
Parkland Memorial Hospital *	Dallas, Texas	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Psych., Pul. Dis., Rad., Surg., Urol.
St. Paul's Hospital *	Dallas, Texas	Int. Med., Ob.-Gyn., Path., Ped., Rad.
Texas Scottish Rite Hospital for Crippled Children	Dallas, Texas	Ortho. Surg.
Timberlawn Sanitarium	Dallas, Texas	Psych.
Veterans Admin. Hospital *	Dallas, Texas	Int. Med., Ophth., Otol., Rad., Surg., Thor. Surg., Urol.
Hotel Dieu, Sisters Hospital *	El Paso, Texas	Ob.-Gyn.
William Beaumont Army Hospital *	El Paso, Texas	Ob.-Gyn., Surg.
All Saints Hospital	Fort Worth, Texas	Gen'l Pract.
Harris Hospital *	Fort Worth, Texas	Anes., Int. Med., Ob.-Gyn., Path., Surg.
John Peter Smith Hospital *	Fort Worth, Texas	Gen'l Pract.
St. Joseph Hospital *	Fort Worth, Texas	Path.
St. Mary's Hospital	Galveston, Texas	Gen'l Pract.
University of Texas Medical Branch Hospitals *	Galveston, Texas	Anes., Card. Dis., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Plas. Surg., Psych., Rad., Surg., Thor. Surg., Urol.
Gonzales Warm Springs Foundation for Crippled Children	Gonzales, Texas	Phys. Med.
Baylor University College Hospitals	Houston, Texas	Anes., Derm. Syph., Ped., Plas. Surg., Psych., Urol.
Hermann Hospital *	Houston, Texas	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
Jefferson Davis Hospital *	Houston, Texas	Anes., Derm. Syph., Int. Med., Ob.-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Plas. Surg., Psych., Rad., Surg., Urol.
Methodist Hospital *	Houston, Texas	Anes., Derm. Syph., Int. Med., Neuro. Surg., Ob.-Gyn., Path., Plas. Surg., Psych., Rad.
St. Joseph's Hospital *	Houston, Texas	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Rad., Surg., Urol.
Southern Pacific Hospital	Houston, Texas	Surg.
Texas Children's Hospital	Houston, Texas	Derm. Syph., Plas. Surg.
University of Texas M. D. Anderson Hospital for Cancer Research	Houston, Texas	Anes., Gyn., Int. Med., Mal. Dis., Path., Rad., Surg.
Veterans Admin. Hospital	Houston, Texas	Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ophth., Ortho. Surg., Otol., Path., Phys. Med., Plas. Surg., Psych., Pul. Dis., Rad., Surg., Urol.
Nan Travis Memorial Hospital	Jacksonville, Texas	Gen'l Pract.
Veterans Admin. Hospital *	McKinney, Texas	Int. Med., Ortho. Surg., Path., Pul. Dis., Rad., Surg.
Baptist Memorial Hospital	San Antonio, Texas	Anes., Gen'l Pract., Ob.-Gyn., Path., Rad., Surg.
Brooke Army Hospital *	San Antonio, Texas	Anes., Card. Dis., Derm. Syph., Gastro., Int. Med., Ob-Gyn., Ophth., Ortho. Surg., Otol., Path., Ped., Plas. Surg., Rad., Surg., Urol.
Robert B. Green Memorial Hospital *	San Antonio, Texas	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg.
Santa Rosa Hospital *	San Antonio, Texas	Gen'l Pract., Int. Med., Path., Ped., Rad.
U. S. Air Force Hospital (Lackland) *	San Antonio, Texas	Anes., Ortho. Surg., Surg.
Kings Daughters Hospital *	Temple, Texas	Gen'l Pract.
Scott and White Memorial Hospital *	Temple, Texas	Anes., Int. Med., Ophth., Ortho. Surg., Path., Rad.
U. S. Air Force Hospital	Wichita Falls, Texas	Surg.
Wichita General Hospital	Wichita Falls, Texas	Gen'l Pract.
St. Benedict's Hospital *	Ogden, Utah	Gen'l Pract., Path.
Thomas D. Dee Memorial Hospital *	Ogden, Utah	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Surg.
Dr. W. H. Groves Latter-Day Saints Hospital *	Salt Lake City	Int. Med., Ob.-Gyn., Ortho. Surg., Path., Rad., Surg., Thor. Surg.
Holy Cross Hospital *	Salt Lake City	Int. Med., Ob.-Gyn., Path., Rad., Surg.
Primary Children's Hospital	Salt Lake City	Ortho. Surg.
St. Mark's Hospital *	Salt Lake City	Rad., Surg.
Salt Lake County General Hospital *	Salt Lake City	Anes., Int. Med., Ob.-Gyn., Ortho. Surg., Path., Ped., Psych., Rad., Surg.
Shriners Hospital for Crippled Children	Salt Lake City	Ortho. Surg.
Veterans Admin. Hospital *	Salt Lake City	Int. Med., Neur., Ortho. Surg., Path., Psych., Rad., Surg.
Brattleboro Retreat	Brattleboro, Vt.	Psych.
DeGoesbriand Memorial Hospital *	Burlington, Vt.	Anes., Gen'l Pract., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg., Urol.
Mary Fletcher Hospital *	Burlington, Vt.	Anes., Int. Med., Ob.-Gyn., Path., Ped., Rad., Surg., Urol.
Vermont State Hospital	Waterbury, Vt.	Psych.
Veterans Admin. Hospital	White River Junction, Vt.	Anes., Int. Med., Neuro. Surg., Path., Plas. Surg., Rad., Surg., Urol.
Alexandria Hospital *	Alexandria, Va.	Int. Med., Ob.-Gyn.
Arlington Hospital	Arlington, Va.	Ob.-Gyn.
Blue Ridge Sanatorium	Charlottesville, Va.	Pul. Dis.

* Indicates hospitals approved for training interns.

Name of Hospital	Location	Approved Residencies
University of Virginia Hospital *	Charlottesville, Va.	Allergy, Derm. Syph., Int. Med., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Psych., Rad., Surg., Thor. Surg., Urol.
Chesapeake & Ohio Railway Employees Hospital *	Clifton Forge, Va.	Int. Med., Surg.
Memorial Hospital *	Danville, Va.	Path.
U. S. Army Hospital	Fort Belvoir, Va.	Surg.
Lynchburg General Hospital *	Lynchburg, Va.	Obst., Path., Surg.
Riverside Hospital *	Newport News, Va.	Gen'l Pract., Int. Med., Ob.-Gyn., Path.
De Paul Hospital *	Norfolk, Va.	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Rad., Surg.
Norfolk General Hospital *	Norfolk, Va.	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Rad., Surg.
U. S. Naval Hospital *	Portsmouth, Va.	Gen'l Pract., Int. Med., Ob.-Gyn., Ortho. Surg., Surg.
Crippled Children's Hospital	Richmond, Va.	Ortho. Surg.
Johnston-Willis Hospital *	Richmond, Va.	Int. Med., Obst., Path., Surg.
Medical College of Virginia—Hospital Division *	Richmond, Va.	Allergy, Anes., Derm. Syph., Int. Med., Neuro. Surg., Ob.-Gyn., Ophth., Otol., Ortho. Surg., Path., Ped., Phys. Med., Psych., Rad., Surg., Urol.
Retreat for the Sick	Richmond, Va.	Gen'l Pract.
St. Elizabeth Hospital	Richmond, Va.	Surg.
Veterans Admin. Hospital	Richmond, Va.	Anes., Card. Dis., Gastro., Int. Med., Neur., Neuro. Surg., Ophth., Ortho. Surg., Path., Phys. Med., Psych., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
Gill Memorial Eye, Ear and Throat Hospital	Roanoke, Va.	Ophth., Otol.
Jefferson Hospital *	Roanoke, Va.	Int. Med., Surg.
Lewis-Gale Hospital *	Roanoke, Va.	Int. Med., Surg.
Veterans Admin. Hospital	Roanoke, Va.	Psych.
Louise Obici Memorial Hospital	Suffolk, Va.	Gen'l Pract.
Eastern State Hospital	Williamsburg, Va.	Psych.
Madigan Army Hospital *	Fort Lewis, Wash.	Int. Med., Surg.
Western State Hospital	Fort Steilacoom, Wash.	Psych.
Children's Orthopedic Hospital	Seattle	Anes., Ortho. Surg., Ped., Surg.
Doctor's Hospital *	Seattle	Anes., Int. Med., Ob.-Gyn., Path., Surg.
Firland Sanatorium	Seattle	Pul. Dis., Thor. Surg.
King County Hospital Unit 1 (Harborview) *	Seattle	Anes., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Surg., Urol.
Pinel Foundation	Seattle	Psych.
Providence Hospital *	Seattle	Gen'l Pract., Int. Med., Obst., Ortho. Surg., Path., Rad., Surg.
Swedish Hospital *	Seattle	Int. Med., Ob.-Gyn., Path., Rad., Surg.
U. S. Public Health Service Hospital *	Seattle	Int. Med., Path., Surg.
Veterans Admin. Hospital	Seattle	Anes., Int. Med., Neur., Ortho. Surg., Path., Psych., Surg.
Virginia Mason Hospital *	Seattle	Anes., Int. Med., Obst., Rad., Surg.
Central Washington Tuberculosis Hospital	Selah, Wash.	Pul. Dis.
Deaconess Hospital *	Spokane, Wash.	Path.
Sacred Heart Hospital *	Spokane, Wash.	Gen'l Pract., Ob.-Gyn., Path., Rad.
St. Luke's Hospital *	Spokane, Wash.	Ob.-Gyn., Path., Surg.
Shriners Hospital for Crippled Children	Spokane, Wash.	Ortho. Surg.
St. Joseph Hospital *	Tacoma, Wash.	Path.
Tacoma General Hospital *	Tacoma, Wash.	Anes., Path.
Beckley Hospital	Beckley, W. Va.	Surg.
Bluefield Sanitarium	Bluefield, W. Va.	Gen'l Pract.
Charleston General Hospital *	Charleston, W. Va.	Gen'l Pract., Int. Med., Path., Surg.
Kanawha Valley Hospital	Charleston, W. Va.	Gen'l Pract., Surg.
Memorial Hospital *	Charleston, W. Va.	Gen'l Pract., Int. Med., Ob.-Gyn., Ped., Surg.
St. Mary's Hospital	Clarksburg, W. Va.	Path.
Chesapeake & Ohio Hospital	Huntington, W. Va.	Int. Med., Surg.
St. Mary's Hospital *	Huntington, W. Va.	Path., Rad., Surg.
Veterans Admin. Hospital	Martinsburg, W. Va.	Path., Rad., Surg.
Laird Memorial Hospital	Montgomery, W. Va.	Surg.
Camden-Clark Memorial Hospital *	Parkersburg, W. Va.	Gen'l Pract.
Broaddus Hospital	Philippi, W. Va.	Surg.
Ohio Valley General Hospital *	Wheeling, W. Va.	Anes., Gen'l Pract., Int. Med., Path., Surg.
Luther Hospital *	Eau Claire, Wis.	Gen'l Pract.
Mercy Hospital *	Janesville, Wis.	Surg.
La Crosse Lutheran Hospital *	La Crosse, Wis.	Int. Med., Surg., Urol.
Madison General Hospital *	Madison, Wis.	Int. Med., Ob.-Gyn , Path., Rad., Surg., Urol.
Mendota State Hospital	Madison, Wis.	Psych.
Methodist Hospital *	Madison, Wis.	Rad., Surg.
St. Mary's Hospital *	Madison, Wis.	Int. Med.
University Hospitals *	Madison, Wis.	Allergy, Card. Dis., Anes., Derm. Syph., Int. Med., Neur., Neuro. Surg., Ob.-Gyn., Ophth., Ortho. Surg., Path., Ped., Plas. Surg., Psych., Rad., Surg., Urol.
Veterans Admin. Hospital	Madison, Wis.	Pul. Dis.
St. Joseph's Hospital *	Marshfield, Wis.	Int. Med.
Columbia Hospital *	Milwaukee	Int. Med., Obst., Ortho. Surg., Path., Rad., Surg.
Evangelical Deaconess Hospital *	Milwaukee	Gen'l Pract., Rad. Surg.
Milwaukee Children's Hospital *	Milwaukee	Ortho. Surg., Ped.
Milwaukee County Hospital *	Milwaukee	Int. Med., Ob.-Gyn., Ophth., Path., Ped., Proct., Rad., Surg., Urol.
Milwaukee Hospital *	Milwaukee	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Rad., Surg.
Mount Sinai Hospital *	Milwaukee	Int Med., Ob.-Gyn.
Muirdale Sanitorium	Milwaukee	Pul. Dis.
St. Joseph's Hospital *	Milwaukee	Int. Med., Ob.-Gyn., Path., Rad., Surg.
St. Luke's Hospital *	Milwaukee	Gen'l Pract., Int. Med., Ob.-Gyn., Path., Rad., Surg.
St. Mary's Hospital *	Milwaukee	Ob.-Gyn., Path.
St. Michael's Hospital *	Milwaukee	Gen'l Pract.
Veterans Admin. Hospital	Milwaukee (Wood)	Anes., Derm. Syph., Gastro., Int. Med., Ophth., Ortho. Surg., Otol., Path., Phys. Med., Psych., Pul. Dis., Rad., Surg., Thor. Surg., Urol.
Milwaukee Sanitorium	Wauwatosa, Wis.	Path.
Gorgas Hospital *	Ancon, C. Z.	Int. Med., Ob.-Gyn., Ophth., Path., Ped., Rad., Surg.
Kapiolani Maternity and Gynecological Hospital	Honolulu, T. H.	Ob.-Gyn.
Kauikeolani Children's Hospital	Honolulu, T. H.	Ped.
Leahi Hospital	Honolulu, T. H.	Pul. Dis., Thor. Surg.
Queen's Hospital *	Honolulu, T. H.	Int. Med., Ob.-Gyn., Path., Psych., Surg.
St. Francis Hospital *	Honolulu, T. H.	Int. Med., Ob.-Gyn., Path.
Shriners Hospital for Crippled Children	Honolulu, T. H.	Ortho. Surg.
Tripler Army Hospital *	Honolulu, T. H.	Int. Med., Ob.-Gyn., Path., Rad., Surg., Urol.
Territorial Hospital	Kaneohe, Oahu, T. H.	Psych.
Bayamon District Hospital *	Bayamon, P. R.	Int. Med., Ob.-Gyn., Path., Ped., Surg.
Hospital Hato Tejas, Inc.	Bayamon, P. R.	Psych.
San Juan City Hospital *	San Juan, P. R.	Anes., Int. Med., Ob.-Gyn., Ophth., Path., Ped., Rad., Surg., Urol.
Veterans Admin. Hospital	San Juan, P. R.	Int. Med., Phys. Med., Rad., Surg.

* Indicates hospitals approved for training interns.

APPROVED EXAMINING BOARDS IN MEDICAL SPECIALTIES

ADVISORY BOARD FOR MEDICAL SPECIALTIES

B. R. Kirklin, Secretary-Treasurer
Rochester, Minn.

(Upon the recommendation of the Liaison Committee of the Council on Medical Education and Hospitals and the Advisory Board for Medical Specialties, the Council publishes herewith the pertinent changes made by specialty boards in the previous year, including the membership of each board. The complete requirements for certification by each specialty board were published in THE JOURNAL of the American Medical Association, [159:441-483 (Oct. 1) 1955]. Reference is made following the membership of each specialty board to this issue of THE JOURNAL. The Liaison Committee considered it advisable that a résumé of the Advisory Board for Medical Specialties be published, including the names of its members and their organization affiliation.)

The Advisory Board for Medical Specialties was organized in 1933-1934 to coordinate graduate medical education and certification of medical specialists in the United States and Canada. A few specialty boards had been functioning actively and successfully for a number of years prior to the organization of the Advisory Board for Medical Specialties. Their purposes were, primarily, to establish minimum standards of graduate education and training requirements for physicians representing themselves to the public as being specialists, with certification by the boards of candidates after they had been able successfully to pass the boards' examinations. Secondarily, these boards hoped to improve the general standards of graduate medical education and facilities for special training.

It was soon recognized that some formal and official plan of organization must be established. It was clearly essential that an examining board must have the official sanction of the national societies in its given specialty as well as that of its section of the American Medical Association, but there was, at that time, nothing to prevent unofficial groups from organizing examining boards and using the title American board. In order to avoid duplication of effort as well as to coordinate the work of the several boards and other interested groups into a concise and homogenous plan for betterment, it was deemed advisable to create an advisory board to give consideration to those problems common to all and to represent all organizations concerned.

The Advisory Board is composed of two representatives from each of the approved examining boards in the medical specialties and such other national organizations as are interested in the education, examination, and certification of medical specialists. These representatives are duly elected to this body.

The number of organizations comprising the Advisory Board for Medical Specialties remains the same; namely, 18 specialty boards and 4 other organizations interested in graduate medical education. The total voting membership is still 44. The organizations and their representatives are as follows:

CURRENT MEMBERSHIP IN THE ADVISORY BOARD FOR MEDICAL SPECIALTIES 1956-1957

The Association of American Medical Colleges
JOHN B. YOUMANS — STANLEY E. DORST

The American Hospital Association
ALBERT W. SNOKE — ROBIN C. BUERKI

The Federation of State Medical Boards of the U. S. A.
CREIGHTON BARKER — WALTER L. BIERRING

The National Board of Medical Examiners
ROBERT A. MOORE — JOHN P. HUBBARD

The American Board of Ophthalmology
CONRAD BERENS — MERRILL J. KING

The American Board of Otolaryngology
FREDERICK T. HILL — DEAN M. LIERLE

The American Board of Obstetrics and Gynecology
HERBERT E. SCHMITZ — ROBERT L. FAULKNER

The American Board of Dermatology
ARTHUR C. CURTIS — BEATRICE KESTEN

The American Board of Pediatrics
LEE FORREST HILL — JOHN McK. MITCHELL

The American Board of Psychiatry and Neurology
C. H. HARDIN BRANCH — FRANCIS M. FORSTER

The American Board of Radiology
DONALD S. CHILDS — B. R. KIRKLIN

The American Board of Orthopaedic Surgery
CLARENCE H. HEYMAN — HAROLD A. SOFIELD

The American Board of Urology
RUBIN FLOCKS — HARRY CULVER

The American Board of Internal Medicine
CHESTER M. JONES — THOMAS FINDLEY

The American Board of Pathology
SHIELDS WARREN — EDWARD B. SMITH

The American Board of Surgery
WALTER G. MADDOCK — JOHN B. FLICK

The American Board of Anesthesiology
ALBERT FAULCONER, JR. — CURTISS B. HICKCOX

The American Board of Plastic Surgery
FREDERICK A. FIGI — FRANK McDOWELL

The American Board of Neurological Surgery
FRANCIS C. GRANT — LEONARD T. FURLOW

The American Board of Physical Medicine and Rehabilitation
ROBERT L. BENNETT — EARL C. ELKINS

The American Board of Preventive Medicine
WILLIAM P. SHEPARD — ERNEST L. STEBBINS

The American Board of Proctology
LOUIS A. BUIE — STUART T. ROSS

Officers and Committees—1956

JOHN McK. MITCHELL, Association of American Medical Colleges, President

ERNEST L. STEBBINS, American Board of Preventive Medicine, Vice-President

B. R. KIRKLIN, American Board of Radiology, Secretary-Treasurer

MEMBERS OF THE EXECUTIVE COMMITTEE

Term to expire in 1957: WALTER G. MADDOCK, American Board of Surgery

Term to expire in 1958: HAROLD A. SOFIELD, American Board of Orthopaedic Surgery

COMMITTEE ON STANDARDS AND EXAMINATIONS

FRANCIS GERTY, American Board of Psychiatry and Neurology, Chairman

SHIELDS WARREN, American Board of Pathology

LOUIS A. BUIE, American Board of Proctology

COMMITTEE ON AUDIT AND FINANCE

ALBERT FAULCONER JR., American Board of Anesthesiology, Chairman

WALTER G. MADDOCK, American Board of Surgery

REPRESENTATIVES OF THE ADVISORY COUNCIL ON MEDICAL EDUCATION

ERNEST L. STEBBINS, American Board of Preventive Medicine

FREDERICK A. FIGI, American Board of Plastic Surgery

Examining and certifying boards in 19 specialties have been approved by the Council on Medical Education and Hospitals of the American Medical Association and the Advisory Board for Medical Specialties on the basis of minimal standards governing accreditation of specialty boards as formulated by the Council.

The primary purposes of the boards are (1) to conduct investigations and examinations to determine the competence of voluntary candidates for certificates issued by the respective boards, (2) to grant and issue certificates of qualification to candidates successful in demonstrating their proficiency, (3) to stimulate the development of adequate training facilities, (4) to aid in evaluating residencies and fellowships under consideration by the Council on Medical Education and Hospitals of the American Medical Association, and (5) to advise physicians desiring certification as to the course of study and training to be pursued.

The boards are in no sense educational institutions, and the certificate of a board is not to be considered a degree. It does not confer on any person legal qualifications, privileges, or a license to practice medicine or a specialty. The boards do not purport in any way to interfere with or limit the professional activities of any licensed physician, nor do they desire to interfere with any practitioners of medicine in any of their regular or legitimate duties.

Two boards certify candidates in subspecialties. The American Board of Internal Medicine certifies in allergy, cardiovascular disease, gastroenterology, and pulmonary diseases. The American Board of Pediatrics certifies in allergy. Certification in the primary field is a requirement for certification in the subspecialties. The Board of Thoracic Surgery, which is organized as an affiliate board of the American Board of Surgery, requires certification in surgery as a prerequisite to certification in thoracic surgery.

Certificates in special divisions of their specialty are conferred by six boards. The American Board of Obstetrics and Gynecology will issue certificates in obstetrics or gynecology only. The American Board of Otolaryngology grants a limited certificate in endoscopy. The American Board of Pathology issues certificates in pathological anatomy, clinical pathology, a combination of these two fields, pathological anatomy and clinical microbiology, clinical microbiology and clinical chemistry, clinical bacteriology, neuropathology, clinical microbiology, hematology, and clinical chemistry. The American Board of Preventive Medicine issues certificates in public health, aviation medicine, and occupational medicine. The American Board of Psychiatry and Neurology issues separate certificates in psychiatry and in neurology, or a combined certificate for those qualified in both fields. This board also issues supplementary certificates in psychiatry and in neurology. The American Board of Radiology issues certificates in radiology, roentgenology, therapeutic radiology, diagnostic roentgenology, therapeutic roentgenology, radium therapy, radiological physics, x-ray and radium physics, and medical nuclear physics.

Each of the boards has published a booklet containing a list of its officers and a brief statement of its organization, purposes, and the qualifications that determine eligibility for certification. The major changes necessary to bring the requirements, as published in THE JOURNAL (159:441-483 [Oct. 1] 1955), up to date are specified for each specialty board.

There is included in this section a specific statement from each of the boards regarding allowances of credit for service in the armed forces.

Table 1 contains a list of the approved specialty boards, the year of activation, and the total number of candidates certified to June 30, 1956. Data are also presented regarding the number of physicians certified in the subspecialties and those granted special certification by the boards in obstetrics and gynecology, otolaryngology, pathology, preventive medicine, psychiatry and neurology, and radiology.

A total of 60,644 physicians were reported certified by the 19 specialty boards on July 1, 1955. During the period July 1, 1955 through June 30, 1956, 3,083 certificates were issued, bringing the total to 63,727 physicians who have been certified as of June 30, 1956.

During the past year, 76 physicians were certified in the subspecialties, bringing the total to 1,423.

Table 2 indicates the number of physicians certified each year for the past 15 years by all specialty boards. The total number certified on June 30, 1956 is 63,727.

The seventh edition of the "Directory of Medical Specialists," compiled by the Advisory Board for Medical Specialties and pub-

TABLE 1.—*Approved Examining Boards in Medical Specialties*

Name of Board	Year of Activation	Total Certificates Awarded to June 30, 1956
American Board of Anesthesiology	1937	1,508
American Board of Dermatology	1932	1,713
American Board of Internal Medicine	1936	10,470
American Board of Neurological Surgery	1940	666
American Board of Obstetrics and Gynecology	1930	4,945
American Board of Ophthalmology	1917	4,464
American Board of Orthopedic Surgery	1934	2,731
American Board of Otolaryngology	1924	5,202
American Board of Pathology	1936	2,951
American Board of Pediatrics	1933	5,723
American Board of Physical Medicine and Rehabilitation	1947	302
American Board of Plastic Surgery	1937	359
American Board of Preventive Medicine	1948	1,084
American Board of Proctology	1949	246
American Board of Psychiatry and Neurology	1934	5,601
American Board of Radiology	1934	5,366
American Board of Surgery	1937	6,981
Board of Thoracic Surgery (Affiliate of the American Board of Surgery)	1949	625
American Board of Urology	1935	2,195
Totals		63,727
Certification in Subspecialties		
American Board of Internal Medicine		
Allergy		155
Cardiovascular Disease		563
Gastroenterology		354
Pulmonary Diseases		249
Totals		1,271
American Board of Pediatrics		
Allergy		71
American Board of Surgery		
Proctology		81*
Totals		1,423
Special Certification		
American Board of Obstetrics and Gynecology		
Obstetrics		22
Gynecology		13
Totals		35
American Board of Otolaryngology		
Endoscopy		4
American Board of Pathology		
Pathological Anatomy		1,467
Clinical Pathology		389
Pathological Anatomy and Clinical Pathology		1,059
Pathological Anatomy and Clinical Microbiology		1
Clinical Microbiology and Clinical Chemistry		1
Clinical Bacteriology		2
Neuropathology		12
Clinical Microbiology		14
Hematology		2
Clinical Chemistry		4
Totals		2,951
American Board of Preventive Medicine		
Public Health		1,219
Aviation Medicine		301
Occupational Medicine		164
Totals		1,684
American Board of Psychiatry and Neurology		
Psychiatry		4,268
Neurology		366
Psychiatry and Neurology		967
Totals		5,601
American Board of Radiology		
Radiology		3,635
Roentgenology		950
Diagnostic Roentgenology		544
Therapeutic Radiology		157
Therapeutic Roentgenology		4
Radium Therapy		7
Radiological Physics		47
X-Ray and Radium Physics		16
Medical Nuclear Physics		6
Totals		5,366

* Independent Board established in 1949.

lished in 1955 by the A. N. Marquis Company, Chicago, contains biographic information on the educational background of each living specialist, including those retired from practice, certified by an American board.

Credit for Military Service

At the suggestion of the Joint Committee on Medical Education in Time of National Emergency, the Advisory Board for Medical Specialties conducted a survey to determine the amount of credit for service in the armed forces that would be given toward specialty board certification. The inquiry addressed to the boards contained the following questions:

> Will your specialty board give preference to those candidates wishing to be examined before going overseas or entering military service?
> How much, if any, credit toward your training and/or experience requirements will your board allow candidates while in military service?

In reply to the first question all boards answered in the affirmative. The specialty boards have not lowered their requirements because of military emergency, but all boards except one have indicated they will grant some credit for military service. The specialty boards have indicated such allowances as follows:

TABLE 2.—*Annual Specialty Board Certification, 1941-1956*

Year (Ended March)	No. of Boards in Existence	No. Certified	Cumulated Totals
1941	15	2,085	17,938
1942	15	1,756	19,694
1943	15	2,172	21,866
1944	15	1,578	23,444
1945	15	1,308	24,752
1946	15	1,320	26,072
1947	15	2,424	28,496
1948	16	3,002	31,498
1949 (June 30)	19*	4,479	35,977
1950 (June 30)	19	3,827	39,804
1951 (June 30)	19	4,552	44,346
1952 (June 30)	19	4,118	48,464
1953 (June 30)	19	4,022	52,486
1954 (June 30)	19	4,133	56,619
1955 (June 30)	19	3,843	60,644
1956 (June 30)	19	3,083	63,727

* One board, the American Board of Proctology, did not certify any candidates during this period.

Anesthesiology.—No formal training credit is granted for military service unless the physician is assigned to a service hospital with an approved residency training program. Practice time will, however, be granted for military service if the physician is assigned to the anesthesiology service.

Dermatology.—Students in training who have served as physicians in the Army, Navy, or U. S. Public Health Service may submit a supplementary application, obtainable from the executive secretary, for possible credit toward experience. This application is not obligatory, but if submitted it must be done prior to or at the time of filing application for examination. It will not be considered until the preliminary registration has been filed. Since the application must be circulated through a committee whose members may be widely separated, several months are often required for a decision. Full-time dermatological military service may be credited in some part toward training, at the discretion of the board, provided it was under the direct supervision of a recognized specialist and provided a significant portion of approved training was completed before the service concerned. The board strongly urges that the candidate supplement his military service by further approved dermatological training before examination. Medical service in the armed forces not credited as training may be credited in part toward the two years of additional dermatological experience required for certification, the amount of credit depending on the circumstances.

Internal Medicine.—Active duty as a commissioned officer in the armed forces of the United States from June 1, 1950, to July 1, 1954, may be applied as one year of residency credit or one year of practice credit regardless of assignment. Service beyond one year during this interval may only be applied as practice credit on certification by former chiefs of service that assignments of candidates were in the field of internal medicine on a full-time basis in the care of clinical patients largely on their own responsibility. Active duty in the armed forces as a commissioned officer after July 1, 1954, may not be applied as residency credit unless the candidate has served officially as a resident in a hospital approved for residency training by the Council on Medical Education in internal medicine or in the medical subspecialties recognized by this board. Active duty in the armed forces as a commissioned officer after July 1, 1954, may be applied as practice credit for one year or more on certification by present or former chiefs of service that assignments were in the field of internal medicine on a full-time basis, in the care of clinical patients largely on one's own responsibility. The requirements governing residency credit and practice credit for active duty in the armed forces from Dec. 8, 1941, to Jan. 1, 1947, will remain the same as those governing credit from June 1, 1950, to July 1, 1954, as outlined above.

Neurological Surgery.—The board makes no specific statement regarding military service. This matter is taken up individually with each applicant.

Obstetrics and Gynecology.—Credit will be given for time spent in an obstetric-gynecologic service in an Army or a Navy hospital under supervision on the same basis as a preceptorship, if these departments are supervised by diplomates of the board or recognized obstetricians-gynecologists. Full residency credit may be obtained if such hospital is approved for residency training. The board will review and give consideration to each individual case. Special request must be made for such credits.

Ophthalmology.—No stated credit. Each case is decided according to the time the candidate has spent assigned to a military hospital in ophthalmology and on other factors.

Orthopedic Surgery.—Up to one year of residency credit is given. Each case is determined on its own merits.

Otolaryngology.—Credit is given, but each case is determined on its own merits.

Pathology.—Allows liberal credit toward training when assigned to department of pathology, but candidates must first have had a minimum of one year residency in an approved civilian department of pathology.

Pediatrics.—One year of credit, regardless of assignment, toward two-year practice requirement.

Physical Medicine and Rehabilitation.—Credit is given, but each case is determined on its own merits.

Plastic Surgery.—Credit is given on individual basis, considered on candidate's merits.

Preventive Medicine.—Credit for training and experience in public health or aviation medicine while in military service will be considered on an individual basis, depending on the type of service.

Proctology.—At present no credit is granted for military service.

Psychiatry and Neurology.—For military duty after Jan. 1, 1954, only experience credit will be granted for full-time psychiatric and/or neurological duties. Training credit will be granted for residency assignments in regularly approved training programs.

Radiology.—Maximum of one year's credit if assigned to full time radiological duties.

Surgery.—If a candidate has served in a government hospital or hospitals fully approved for residency training, such training will be acceptable to the board. Military credit may be extended to those candidates who have served in nonapproved hospitals provided that the candidate has had a satisfactory surgical assignment with adequate and diversified clinical material and provided further that his work in surgery is carried out under the supervision of a surgeon acceptable to the board. Any credit extended in the latter category will be considered preceptorship credit and not residency credit.

Thoracic Surgery.—Credit for military service will be decided on an individual basis.

Urology.—No credit for training but credit for one year of practice requirement if training was complete when entering service.

Medical Officer's Professional Training Record.—The surgeons general of the armed services have distributed a booklet prepared with the assistance of the Council and the Advisory Board for Medical Specialties that is designed to help prospective candidates for certification to maintain an accurate account of work done in the military service. This record will constitute part of the credentials to be submitted to the board on application for certification. The booklet has been printed by the Office of the Secretary of Defense and is distributed by the offices of the surgeons general to the personnel of their departments. It is highly

important that prospective applicants obtain a copy of the "Medical Officer's Professional Training Record" and that they submit their credentials for evaluation by the respective specialty board.

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REFERENCE: J. A. M. A. 159:444-445 (Oct. 1) 1955.

The major changes in requirements for certification are under Certification, paragraph 2: Requirements: Substitute following (1) and (2) under A:

2. *Requirements*

A. Each applicant, before he shall become eligible for certification in anesthesiology, must:

1. Have graduated from an approved medical school in the United States or Canada or have successfully completed the examinations of the National Board of Medical Examiners. Applicants must have completed an internship of not less than one year in a hospital approved by the Council on Medical Education and Hospitals of the American Medical Association, or its equivalent. Graduates of class B medical schools are not eligible to take the board examinations.

2. Establish in a manner satisfactory to the board that (a) he is a physician duly licensed by law to practice medicine, (b) he is of high ethical and professional standing, and (c) he has received adequate special training in anesthesiology.

Under Certification, paragraph 3, Examinations, Insert following paragraph B:

The expense of surveying and/or giving practical examinations outside of the United States will be borne by the candidate. The approximate amount of such funds to be paid by the candidate will be determined by the Secretary and must be paid in United States currency to the American Board of Anesthesiology in advance.

AMERICAN BOARD OF DERMATOLOGY

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REFERENCE: J. A. M. A. 159:445-446 (Oct. 1) 1955.

The major changes in requirements for certification are

CHANGE IN INSTITUTIONAL STATUS

ADD: (With change of directorship of dermatological training, reapplication for approval is necessary before the institution is appraised by the joint Residency Review Committee for Dermatology.)

PRECEPTORS

ADD: Applications for preceptorship are submitted with the "Plan of Supervised Work" form. Approved preceptors, in conjunction with the director of training of the institution in which the candidate spends half his training time, submit an "Annual Graduate Training" form on each trainee. The preceptee files a "Preceptorship Evaluation" form following this training.

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REFERENCE: J. A. M. A. 159:447-452 (Oct. 1) 1955.

There will be some changes in requirements for certification during the year 1956-1957. However, they are not available for inclusion at this time.

AMERICAN BOARD OF NEUROLOGICAL SURGERY

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REFERENCE: J. A. M. A. 159:452 (Oct. 1) 1955.

The major changes in requirements for certification are

SPECIAL TRAINING

Fourth sentence in the first paragraph changed to read: At least two years of this training must be had in one institution, and the board will not ordinarily approve periods of training in clinical neurological surgery of less than one year.

AMERICAN BOARD OF OBSTETRICS AND GYNECOLOGY

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REFERENCE: J. A. M. A. 159:452-456 (Oct. 1) 1955.

For current requirements for certification, write to the Secretary of the American Board of Obstetrics and Gynecology.

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REFERENCE: J. A. M. A. 159:457-459 (Oct. 1) 1955.

The major changes in requirements for certification are

PREREQUISITES

(Applicable to applicants who start residencies in ophthalmology after Dec. 31, 1956.)

Individuals who have completed three years of formal ophthalmological training (residency and basic science courses) may apply for the written qualifying test after completion of 12 months of practice or 12 months of institutional work, a total of 48 months. All other individuals (with less formal training) may apply for the written test after 60 months in ophthalmology or 72 months of combined ophthalmology and otolaryngology. A basic course is recognized as equivalent in time to residency training. All time requirements must be completed by the date of the written test.

GENERAL REQUIREMENTS FOR ALL CANDIDATES

Substitute following for No. 7:

7. Licensure in the state, province, or country where the candidate practices

FEES

For original written test, $100 payable with application.

For original clinical examination, $50 payable on successful completion of the written.

Repeating written test, $65.

Repeating clinical examination, $65.

Single conditions, $25.

Two or more conditions, $35.

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REFERENCE: J. A. M. A. 159:459-461 (Oct. 1) 1955.

The major requirement changes for certification are

REQUIREMENTS OF PRECEPTORSHIP TRAINING

1. Candidates in preceptorship training, or possessing signed contracts prior to Jan. 1, 1957, will receive training credit for the entire period during which their contracts are in force. No new contracts will be accepted by the board for preceptorship training after Jan. 1, 1957.

4. Deleted: "If facilities and instruction in the related basic sciences are not available, the candidate must spend a minimum of six months as a student in an institution approved for basic science training in orthopaedic surgery."

5. Deleted: "The candidate must train as a full-time assistant to the preceptor and may not maintain a separate office or engage in individual practice."

MILITARY SERVICE

3. "Applicants who served in military hospitals not approved by the Council for resident orthopaedic training whose service is judged by the board to have been equal to that of approved resident orthopaedic training may be granted a maximum of one year of resident orthopaedic training."

4. No applicant may be granted more than one year of resident training credit for military service in installations not approved by the Council for resident orthopaedic training.

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REFERENCE: J. A. M. A. 159:462-463 (Oct. 1) 1955.

The major changes in requirements for certification are

GENERAL REQUIREMENTS

The following requirement is deleted: 1. A candidate must be a citizen of the United States or the Dominion of Canada.

REEXAMINATION

Candidates who have failed in the examination may be accepted for reexamination upon recommendation of the Credentials Committee. Satisfactory evidence of further study and progress will be required. A new application must be filed. The fee for reexamination for such candidate is $150.

AMERICAN BOARD OF PATHOLOGY

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REFERENCE: J. A. M. A. 159:463-467 (Oct. 1) 1955.

The major changes in requirements for certification are

APPLICATION BLANK AND FEE

Paragraph 2: The application or examination fee for candidates is $100. If the candidate fails in his examination he will be admitted to a second examination after one year. The applicant must pay an additional fee of $50 before a second examination will be given.

Paragraph 3: The application fee of $100 has been determined after careful consideration and is based on actual estimates of the expenses of examination and administration. None of the Board members receive any compensation for their services except actual expenses incurred.

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REFERENCE: J. A. M. A. 159:467-469 (Oct. 1) 1955.

For current requirements for certification, write to the Executive Secretary of the American Board of Pediatrics.

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REFERENCE: J. A. M. A. 159:469-470 (Oct. 1) 1955.

No major changes were reported in the requirements for certification.

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REFERENCE: J. A. M. A. 159:470-473 (Oct. 1) 1955.

No major changes were reported in requirements for certification.

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REFERENCE: J. A. M. A. 159:474-475 (Oct. 1) 1955.

SPECIAL REQUIREMENTS IN PUBLIC HEALTH

1. Successful completion (after internship) of at least one academic year of graduate study leading to the degree of Master of Public Health or an equivalent degree or diploma; or training or study deemed by the board to be substantially equivalent to such graduate study.

2. Residency (after internship) of at least two years of field experience in general public health practice, which included planned instruction, observation, and active participation in a comprehensive, organized public health program, one year of which may be an approved clinical residency in a field directly related to public health.

3. A period (after internship) of not less than three years, in addition to 1 and 2 above, of special training in or teaching or practice of public health.

4. Limitation of practice to full-time teaching or practice of public health as a specialty.

The major change in requirements for certification is

Delete section under "Certification in Occupational Medicine Without Examination (the Founders Group)."

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REFERENCE: J. A. M. A. 159:475-476 (Oct. 1) 1955.

The major changes in requirements for certification are

Special Professional Qualifications.—They shall have completed:

2. Three years of approved general surgical residency and one year of approved proctologic residency by special arrangement with the board; or

3. Three years of approved general surgical residency and two years of approved proctologic precepteeship by special arrangements with the board; or

4. Two years of approved general surgical residency and three years of approved proctologic precepteeship.

EXAMINATIONS

Seventy-five per cent is the passing grade on all examinations. Examination papers are identified only by numbers and the examiners do not know the identity of the examinees.

Part 1.—This consists of a comprehensive written examination in the basic sciences, including anatomy, physiology, pathology, bacteriology, and biochemistry. The examination is held in the fall of the year simultaneously in several cities of the United States. Upon approval of the American Board of Proctology, candidates who have passed part 1 of the examinations of the American Board of Surgery and who have completed required training in proctology may not be required to take part 1 of the examinations of the American Board of Proctology.

Part 2.—This is a practical examination that is held in the community in which the candidate conducts his professional activities. (It may be omitted at the discretion of the board, in which case the candidate will be notified by the secretary.) It is endeavored to arrange the examination at a time suitable to both the candidate and the examiner. The examination includes inspection of: 1. surgical operations, 2. hospital rounds, 3. hospital and office records, 4. office practice.

Part 3.—This consists of comprehensive written and oral examinations on the theory and practice of proctology, and includes roentgenologic interpretation. The examination is usually held in the fall of the year in one designated city of the United States. The candidate is not admitted to part 3 of the examinations until he has completed the requirements of part 2. The oral portion of the examination is conducted by members of the board or its designated examiners. An attempt is made to ascertain the candidate's knowledge of current proctologic literature, his knowledge of the basic sciences, and the extent of his clinical experience and other qualifications.

REEXAMINATION

A candidate who fails may be reexamined after one year has elapsed. The act of filing an application for reexamination is the candidate's responsibility. Candidates who have failed a reexamination may petition the board for another examination after two years have elapsed. Acceptable evidence of additional preparation shall be submitted with this petition.

FEES AND DUES

Fees.—Application fee. A fee of $25 shall accompany the application.

Examination fee. A fee of $150 is due and payable when the candidate is notified that he has been approved for examination.

Reexamination fee. A fee of $50 is due and payable when the candidate is notified that he has been approved for reexamination.

Reexamination in Part 2.—Candidates for reexamination in part 2 may be held responsible for payment of expenses incurred by the board in conducting the reexamination. No fee shall be returned to the candidate without board approval. All fees shall be made payable to the American Board of Proctology and shall be sent to the secretary.

Dues.—Each diplomate is required to pay annual dues in the amount of $10 to the board for a period of 10 years following certification. Fees and dues are utilized to defray expenses incurred by board activities.

AMERICAN BOARD OF PSYCHIATRY AND NEUROLOGY

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REFERENCE: J. A. M. A. 159:476-478 (Oct. 1) 1955.

The major changes in requirements for certification are: Specialized Training: All applicants who wish to qualify for examination for certification in psychiatry or neurology under the regulations relating to training credit and who began training on or after July 1, 1956, must show that at least 24 months of their residency training have been secured in residency training programs approved for at least two years of residency training in the specialty in which they seek certification.

TRAINING IN THE ARMED FORCES

Delete first paragraph.

PAYMENT OF FEES

The candidate upon filing his application shall accompany it with an application fee of $50, which is not returnable. If a preliminary written examination has been decreed, an additional $25 fee will be required at the time of the applicant's acceptance. When notified by the secretary that he is accepted for the oral and practical examination, the candidate shall send to the secretary an examination fee of $75. A candidate who has been

certified in either psychiatry or neurology and who has been admitted to supplementary examination for the other certificate shall pay an additional examination fee of $75.

A candidate who has failed in one examination is eligible for reexamination within one year upon payment of a reexamination fee of $75. After the year has elapsed, he must submit a new application and pay new application and examination fees. If he fails the reexamination, he may, after two years have elapsed, submit a new application and $50 fee, present evidence of further training, and pay an examination fee of $75.

A candidate who fails in one or two subjects is eligible for reexamination in those subjects within one year upon payment of a reexamination fee of $50. After the year has elapsed he must submit a new application and pay new application and examination fees and repeat the entire examination. If he fails the reexamination, he may apply again for the complete examination after two years upon submission of evidence of further training and upon payment of an application fee of $50. If admitted to the examination, he must pay a new examination fee of $75.

Any candidate who finds himself unable to attend an examination to which he has been admitted and does not notify the secretary at least three months before the date of the examination will forfeit his examination fee. Any candidate who fails to appear for examination within a period of three (3) years following the date of notification of eligibility for examination shall be required to submit a new application and pay the attendant fee. If a candidate dies before his certificate is issued, all fees will be returned to his estate.

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REFERENCES: J. A. M. A. 159:478-479 (Oct. 1) 1955.

The major changes in requirements for certification are

CERTIFICATES

Change the second paragraph to read: 2. A certificate to the effect that the applicant has been found qualified to practice radiology in one or more of the following special fields: (*a*) diagnostic roentgenology (*b*) therapeutic radiology.

Substitute: 3. Certification in Nuclear Medicine. Certification in the handling and uses of radioactive isotopes is now offered to those candidates applying in Radiology or Therapeutic Radiology. After June 30, 1957, all candidates for Radiology or Therapeutic Radiology will be urged to seek certification in this field. As of June 30, 1960, it will be mandatory. A suitable medallion will be issued to those certified in Nuclear Medicine until June 30, 1960, after which date the certificate in Radiology or Therapeutic Radiology will include Nuclear Medicine.

DEFINITIONS

Delete: 2. Roentgenology is that branch of radiology that deals with diagnostic and therapeutic application of roentgen rays.

AMERICAN BOARD OF SURGERY

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REFERENCE: J. A. M. A. 159:479-481 (Oct. 1) 1955.

The major changes in requirements for certification are

Under group 1 there is a change in regard to candidates who complete only four years of a hospital residency program that is for a period longer than four years. It now reads: "If the hospital residency training is for a longer period than four years the candidate who completes only four years and does not assume the responsibilities of a senior year cannot be considered in the group 1 category. Such a candidate must complete a senior year in a hospital approved for four years or submit his qualifications to the examination committee of the board for their decision concerning further training requirements."

Also under group 2 it is stated: "Credit will not be granted for separate periods of time devoted exclusively to research or a preclinical discipline, although the day-to-day integration of these disciplines with clinical surgery is highly desirable. The program must have included three years of clinical surgery and the final year must have been spent in the capacity of senior or chief resident in general surgery."

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REFERENCE: J. A. M. A. 159:481 (Oct. 1) 1955.

The major change in requirements for certification is under Requirements: change paragraph 3 to read: "Written and oral examination."

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REFERENCE: J. A. M. A. 159:482-483 (Oct. 1) 1955.

For current requirements for certification, write to the Secretary of the American Board of Urology.

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THE STUDENT AMERICAN MEDICAL ASSOCIATION LOOKS AT INTERNSHIPS

During the course of the past year, the Student American Medical Association conducted a survey of interns with respect to the question: "Is the Intern Year Worthwhile—or Should It Be Abolished?" An analysis of a 41% return on an internship evaluation questionnaire sent to 1,450 interns representing a geographical cross section of the United States was presented at the annual meeting of the Student American Medical Association held in Chicago last May. Eighty-five per cent of the respondents were in rotating internships, 8% in straight, and 4% in mixed. This distribution according to type of internship correlates fairly well with the 89% rotating, 10% straight, and 1% mixed service representing the total of 11,616 approved internships offered last year. While the interpretation of a sampling of any group on matters of interest and concern to the group must be made with care and in its proper perspective, this particular questionnaire highlighted certain points of interest to all concerned with this phase of medical education.

Over 90% of those replying to the questionnaire felt that the internship year should be continued; while a small number suggested that a fifth year of medical school might advantageously replace it. The vast majority of the interns indicated that they did not believe the internship program in their institution was being handled with the primary purpose of teaching and that few hospitals, private or public, are offering internships designed to give adequate preparation for general practice. Private hospitals showed a much smaller percentage of satisfied interns and in this study were graded as offering poorer internships as compared to the teaching and large municipal institutions. In general, the amount of publicity a hospital receives often appeared to be in inverse proportion to the quality of the internship offered.

A large majority of the questionnaire responses indicated that the interns felt they were receiving less than the minimum time desirable under the supervision or instruction of full-time staff personnel. About two-thirds of the group felt that they were allowed adequate responsibility to gain over-all medical experience but that their total responsibilities were in excess of the degree of supervision and teaching offered to them. About 3% of the respondents felt that the intern year they were experiencing was a "farce and a waste of time" because they were doing essentially nonprofessional "scut-work."

The concern of interns over the financial problems associated with this phase of education beyond medical school was reflected in numerous ways through the questionnaire responses. For instance, over 95% of the returns from those in military internships reported favorably. Although these individuals indicated some restrictions in the type of training offered, this was offset by their freedom from financial worry, since they received the highest intern stipends. There was an almost unanimous expression to the effect that the intern pay scale is inadequate with respect to the benefits their services offer to the institutions in which they work and which they feel are not adequately counterbalanced by the educational experiences gained.

In this current report on internships and residencies it will be noted that there has been an increased recognition of the financial problems encountered during the intern year and that in recent years most hospitals have materially augmented intern stipends. Medical students recognize the importance of sound internship experiences and where finances permit will still select the internships in an institution where the teaching and supervision are known to be outstanding, even though stipends may be minimal. In recent years, many social and economic readjustments have taken place in the setting of medical education. Large numbers of medical students are married today and may have families at the time they begin internship. Many of them are already under financial burdens undertaken to complete their medical school courses and in seeking their required graduate education find it necessary to give undue weight to stipends accompanying internship appointments. This essentially means that it has become possible, in some instances, for institutions to compete for interns through the medium of attractive stipends rather than placing primary emphasis on the educational opportunity and experience that they have to offer. This could be at least partially offset if all hospitals conducting approved internships offered basic stipends in keeping with the changing economic scene.

However, in the long run, it is the experience of the intern in obtaining the supervised graduate educational experience he needs that will determine whether an institution continues to attract intern staff personnel, regardless of the remuneration it may offer. The oncoming senior medical students have their "ears to the ground," just as did those of us who graduated many years ago, and learn from their friends who are interning whether the hospital administration and staff are concerned with internships solely from the standpoint of service or whether education and service are properly balanced. As the years roll by and service needs increase, some responsible staff members seem to forget this simple fact and fail to heed it or to adequately interpret it to hospital administrators. The question as to whether internships are worthwhile becomes a direct challenge to the professional staff and administration of every hospital accepting medical school graduates for such experiences.

PROGRESS TOWARD "FULL TRAINING" REQUIREMENTS FOR RESIDENCY APPROVAL

Increasingly in recent years, attention and thought have been given to full training requirements by physicians who develop and direct residency programs in hospitals and by the examining boards in the medical specialties, colleges, and the Council, which participate in residency approvals (THE JOURNAL, September 24, 1955, page 378). Thought has been centered on how a resident upon entering a training period of several years' duration can be assured of continuity in supervision and increasing, graded responsibility. As a result of these considerations, residency review committees in several specialties have adopted policies intended to encourage educational continuity.

The same principle is applicable in all of these policies; namely, that hospitals, to qualify for continued approval, are required to provide "full training" in the specialty, either independently or in collaboration with other hospitals through integration of their programs. Approval for residency training in anesthesiology, general surgery, otolaryngology, and plastic surgery, as well as in medical subspecialties, allergy, cardiovascular diseases, gastroenterology, and pulmonary diseases has for some time been limited to hospitals offering full training, either independently or in collaboration with other hospitals. Announcement of adoption of this policy relating to residency programs in pediatrics appeared in THE JOURNAL, April 10, 1954, page 1303. Similar statements relating to residency programs in orthopedic surgery, radiology, and urology were published in THE JOURNAL, September 24, 1955, pages 382 and 383. In this issue (page 430) there is an announcement on the future policy relative to approval of residency training in ophthalmology. These policies, which have been adopted to preclude the possibility of a resident taking his training in two or three isolated programs with no assurance of continuity of supervised experience or progression of responsibility, are considered educationally sound.

ANNUAL REPORT ON INTERNSHIPS AND RESIDENCIES

The 30th Annual Report on Internships and Residencies published in this issue of THE JOURNAL presents a compilation of statistical data and information on graduate training programs for the past year and listings of hospitals approved by the Council on Medical Education and Hospitals for the training of interns and residents for the year beginning July 1, 1957. The report is based on information furnished by each hospital approved for the training of interns and/or residents in specialties and includes an analysis of the statistical tables regarding these phases of medical education.

As has been the case for several years, there was a slight increase in the number of hospitals approved for intern training and in the number of intern positions available. As of September 1, 1955, 867 hospitals were approved for 11,616 internships. Eighty-three per cent of the available positions were filled. The distribution of internships by type remained stable: rotating 89%, straight 10%, and mixed 1%. There was an appreciable increase in the stipend for interns during the year; the average cash stipend paid by affiliated hospitals was $121 per month; that paid by nonaffiliated hospitals was $169 per month.

There has been an increase of 1,030 residency positions during the year to 26,516. The occupancy rate on September 1, 1955, increased from 80% (1954) to 81%. The increased occupancy rate for both internships and residencies is attributed to the fact that there are in excess of 6,000 foreign medical school graduates serving in these positions. Resident training programs are approved in 30 fields of medicine and surgery. In 1955, there were 31,028 interns and residents on duty in approved hospitals—one out of seven physicians in this country is taking graduate medical training.

On September 1, 1955, a total of 6,123 intern and resident training programs were sponsored by 1,373 hospitals. Of this total number of hospitals, 171 were approved for intern training only; 506 were approved for the training of residents only; and 696 were approved for the training of both interns and residents.

The report includes a brief explanation of the National Intern Matching Program and the results of its 1956 operations; an explanation of the changes made in the revised "Essentials of an Approved Internship," including an interpretation of the "one-fourth rule"; information concerning the internship and the residency review committees; the plan for evaluation of foreign medical school graduates, as developed by the cooperating committee; and a statement regarding the Sears-Roebuck Foundation.

It is the sincere hope of the Council that this report will be helpful to medical students, recent medical school graduates, medical educators, and all others who are interested in medical education at the internship and residency levels.

EXPENDITURES FOR HOSPITALS AND PHYSICIANS

For the first time, the annual personal consumption expenditures of the American people for hospital services exceeded those for physicians' services. According to the July, 1956, issue of the *Survey of Current Business*,[1] personal consumption expenditures for hospital services during 1955 were 3,130 million dollars as compared with 3,070 million for physician services. Although the difference in the two amounts is not very great and both are subject to subsequent revision, these data mark 1955 as a turning point in the history of medical economics. In 1929 the estimates by the Department of Commerce of personal consumption expenditures were 959 million dollars for physician services and 403 million for hospital services; in the period 1935-1939 the average annual amounts were 821 mil-

1. National Income and Product of the United States 1955, Surv. Current Business 36: 21 (July) 1956.
2. Expenditures for Hospitals and Physicians, publication M-106, Bureau of Medical Economic Research, American Medical Association, Chicago, 1956.

lion and 448 million; they rose to 2,435 million and 1,975 million in 1950. In other words, the physicians' share of "the medical care dollar" declined from 33 cents in 1929 to 27.2 in 1955, whereas the hospitals' share rose from 14 to 27.8 cents. Those who are disturbed about the increases in the outlays for medical care, while praising its high quality, should realize that personal consumption expenditures for the services of physicians are no longer the largest in the American family budget for medical care. Although these data, by definition, exclude expenditures by all units of government for medical care, it can now be stated that the hospital has attained its majority in the realm of medical economics. More persons are hospital patients and more babies are born in hospitals; and the range of hospital services has expanded. Without the great growth of hospital services, the rapid health progress of the past several decades could not have been achieved.

Another reason for the ascendency of personal consumption expenditures for hospital services is the more rapid rise in hospital prices than in physician fees. According to the Consumer Price Index and its many subindexes published by the United States Bureau of Labor Statistics, physicians' fees in 1955 were 65.8% above the 1935-1939 level as compared with increases of 237.7% in the index of hospital room rates and 91.4% in the over-all Consumer Price Index. In obtaining personnel and supplies the hospital has practically no protection against the forces of inflation; these forces, combined with the ever-increasing demand for hospital services, account for the extremely rapid rise in hospital room rates.[2]

IDENTIFICATION OF THE NEWBORN INFANT

Mix-ups involving two or more babies are quite rare in hospital nurseries, but they still can happen. In one state alone in a period of 18 months eight mix-ups or alleged mix-ups occurred. When such a mix-up, alleged or actual, does occur, a torrent of unfavorable publicity is unloosed and the parents concerned may be haunted by a lifetime doubt about their child. The confusion sometimes arises because two mothers in a hospital at the same time have the same surname; it sometimes arises because a single identification becomes detached from the baby; or it may even arise because parents get to wondering after they leave the hospital how the attendants maintained the identity of the babies. Sometimes the confusion is easily straightened out, and sometimes it leads to giving the wrong baby a harmless prescription; only rarely does it lead to an actual exchange of babies. The American Hospital Association has long been aware of this problem, and, because it has been found that photographs, footprints, handprints, and fingerprints are adjuncts but cannot yet be considered reliable as the sole means of identifying the newborn infant, the association has urged the adoption of a standard operating procedure that if applied would reduce mix-ups to the vanishing point.

The main features of this procedure are as follows: 1. Each baby should be marked in the delivery room with two items of identification. 2. The identification items should show the mother's full name, date and time of birth, and some correlation with the mother, such as her fingerprint or number. 3. Each time the baby comes to the mother, the mother should be informed that it is her responsibility to identify her baby by the marking. 4. When the baby and mother are discharged, one of the bands should be removed, preferably by the mother, and, after the mother has properly identified her baby, the removed identification should then be pasted to the baby's chart. The mother should acknowledge in writing that this is how her baby was marked and that she identified it as hers. The leaflet that gives the full procedure in detail has been available since December, 1949. Once established as a routine, this procedure, far from being a burden, would prevent a type of mistake that would otherwise be easy to make but that is nonetheless inexcusable.

MUNICIPAL SWIMMING POOLS

It is generally felt that the healthful benefits derived from a properly constructed and operated municipal swimming pool far outweigh the possible hazards. Our disgraceful record of accidents as the leading cause of death among the youth of our country obligates our communities to teach our children to swim and play safely; drownings number in the thousands annually. A supervised program at a municipal pool can do its part during the vacation periods of the year. Possible health and disease hazards are minimal where preventive measures are incorporated into the design and operation of the pool. The question of overemphasis on high diving is a real one. It should always be kept in mind that the primary purpose of the pool is for teaching children to swim and gain healthful exercise in the sun and fresh air.

According to the joint committee on swimming pools and bathing places of the American Public Health Association, about 300 sq. ft. of pool surface (10-ft. diameter) should be reserved for each diving board or platform. No platform or board at a public pool should be higher than 10 ft. above the water level. For a diving board elevated 9 or 10 ft. above the water, it is recommended that the minimum depth of the pool be 10 ft.

The types of accidents associated with high diving in properly designed pools are largely slips and falls on the board or platform and diving on top of swimmers below. These may be brought to a minimum by proper construction and supervision. Touching the bottom with any force seldom occurs in pools conforming to minimum depth requirements. A faultily executed dive from a high board may be expected to result in minor sprains and bruises. It is felt by some that excessive diving may lead to nasal and aural involvements, and the use of protective caps over ears or rubber plugs and nose clips is recommended.

ORGANIZATION SECTION

A. M. A. CLINICAL SESSION IN SEATTLE

An outstanding scientific program and excellent hotel accommodations await the nation's physicians at the A. M. A. Clinical Session in Seattle Nov. 27-30. In cooperation with the Council on Scientific Assembly, the general committee, headed by Chairman M. Shelby Jared of Seattle, has been working diligently for months and reports that plans are near completion. The center of activities will be Seattle's Civic Auditorium, where scientific sessions will be held and exhibits will be displayed. Conveniently located, the auditorium is easily accessible from downtown hotels, and transportation will be available for commuting to and from the meetings. A cafeteria will be operated in the auditorium for midday meals. The headquarters for the Clinical Session will be the Olympic Hotel, where House of Delegates sessions and meetings of the Board of Trustees, councils, and reference committees will be held.

The scientific program will be beamed at the general practitioner, and subjects have been carefully chosen to be of interest and practical value. The program will include panel discussions, individual papers, motion pictures, and closed-circuit television clinics. The panel discussions will cover such subjects as hypertension, hemolytic anemia, prenatal care, problems of aging, epilepsy, low back pain, liver disease, and vascular disorders. Twenty topics will be considered by panels of men prominent on the national scene and in the Northwest.

There will be 45 papers, considering fluid balances, urologic problems, office psychiatry, varicose veins, fractures, diabetes, heart disease, and many other subjects. Well-known medical educators and practicing physicians from all parts of the United States will participate. The television clinics will include both wet (operative) and dry (nonoperative) clinics. Talent will be drawn largely from Seattle because of the necessity of rehearsals and frequent briefing. There will be clinics on block anesthesia, treatment of burns, bleeding problems, intestinal obstruction, cesarean section, hand surgery, hysterectomy, vein stripping, and other subjects. The program for the medical motion pictures and schedule of papers, panels, and television shows will be published soon in THE JOURNAL. Scientific and technical exhibits have been arranged through the A. M. A. headquarters. They promise to be as interesting and varied as in the past.

Elaborate plans are being made for a banquet and entertainment for the House of Delegates, Board of Trustees, A. M. A. officials, and their wives, Wednesday evening, Nov. 28, in the headquarters hotel. Prepaid medical service plans of Washington, Oregon, and Idaho are planning to conduct a hospitality suite in grandiose style for three days during the session. The prepaid plans of these states will present an exhibit of their services to the public in connection with the hospitality suite. Plans also are near completion for Auxiliary activities during the Clinical Session. Sightseeing tours and other events are on the agenda. Physicians are urged to make their reservations early. A reservation form will be found in THE JOURNAL.

QUARTERLY CUMULATIVE INDEX MEDICUS

Volume 55 of the Quarterly Cumulative Index Medicus, covering literature for the first half of 1954, has been mailed to subscribers and is now available for purchase from the Order Department of the American Medical Association. Preparation of Volume 56 (July-December, 1954) is under way, and this issue should be in print early in 1957.

CHARLES KETTERING RECEIVES CITATION

The American Medical Association presented a citation to Charles F. Kettering on his 80th birthday Aug. 29 for "his lifelong enthusiasm and ingenuity in charting new courses in medical research." The citation was presented to the retired vice-president of General Motors Corporation at a luncheon at the Country Club in Dayton, Ohio. As director of the Sloan-Kettering Institute for Cancer Research and as chairman of the Charles F. Kettering Foundation, Mr. Kettering has provided the opportunity for advanced study in the natural sciences, nutrition, cancer, and air pollution.

Dr. Tom D. Spies, scientific director of the nutrition clinic of the Hillman Hospital, Birmingham, Ala., presented the citation, which reads: "The American Medical Association extends its best wishes to Charles F. Kettering on the occasion of his eightieth birthday, and presents this citation as a token of its appreciation for his selfless dedication, through science, to the well-being of the American people. Charles Kettering's lifelong enthusiasm and ingenuity in charting new courses in medical research have brought about important advances in the study of cancer, industrial health, and the natural sciences. To this philanthropic man of science, the members of the American Medical Association extend a heartfelt 'thank you.'" The citation bears the signatures of the A. M. A. President, Dr. Dwight H. Murray, and Dr. Gunnar Gundersen, Chairman of the A. M. A. Board of Trustees.

MEDICAL NEWS

CALIFORNIA

Postgraduate Clinics.—The University of California Extension and the division of postgraduate medical education at the University of California at Los Angeles is initiating a course on U. C. L. A. teaching clinics, to be held from 5:30 to 7 p. m. on the first and third Thursday of the month from Oct. 4 through June 20, 1957. Most of the programs, to be presented at the Medical Center, will use case material currently on its wards. The Bay District Branch of the Los Angeles County Medical Association will serve as the sponsoring agency for the program, which will be available to their own branch members as well as members of the Los Angeles County and California Medical associations. A detailed folder is available without charge on request to Dr. Thomas H. Sternberg at the University of California Medical Center, Los Angeles 24.

Mental Health Programs.—The University Extension and the School of Nursing at the University of California at Los Angeles will sponsor an all-day institute on community mental health programs Sept. 29 in the Chemistry Building. Dr. Paul V. Lemkau, commissioner of the New York City Community Mental Health Board, will speak on "How a Community Can Develop Effective Mental Health Programs." A late morning session will include a panel discussion, with invited speakers including Dr. Frank F. Tallman, head of the division of preventive psychiatry, University of California at Los Angeles School of Medicine, and Dr. Arnold D. Schwartz, director, mental health division, California State Department of Public Health. Dr. Portia Bell Hume, Berkeley, deputy director of community service, California State Department of Mental Health, and Dr. Lemkau will summarize the conference results at the afternoon session. Registration fee for the campus conference is $3.

CONNECTICUT

Anesthesia Seminar.—Beginning on Sept. 25, a seminar, "The Pharmacological Background to Anesthesia," will be offered by the department of anesthesia of the Hartford Hospital, with members of the department of pharmacology, Yale University School of Medicine, participating, on Tuesdays and Thursdays, 3 to 4:30 p. m. at the Hartford Hospital Amphitheater. The course, which covers respiration, the autonomic nervous system, body fluids, narcosis, sedatives, and hypnotics, analgesic and analeptic compounds, convulsants and anticonvulsants, volatile and gaseous anesthetics, local anesthetics, and relaxants, is designed primarily for those in anesthesia residency training but is open to interested practicing physicians. There is no fee for the seminar.

NEW YORK

Harrington Lecture.—The University of Buffalo School of Medicine announces that the Harrington Lecture, "The Metabolism of Normal and Malignant Human Cells in Tissue Culture," will be presented in Capen Hall Oct. 4, 4:30 to 5:30 p. m., by Dr. Harry Eagle, of the National Institute of Allergy and Infectious Diseases, Bethesda, Md.

Graduate Fortnight.—The 29th annual Graduate Fortnight of the New York Academy of Medicine will be presented Oct. 15-26. On Monday evening the following lectures will be given on "The Place of Hypophysectomy and Adrenalectomy in the Management of Neoplastic and Metabolic Diseases":

Hypophysectomy in Man, Rolf Luft, Karolinska Institute, Stockholm, Sweden.
The Place of Hypophysectomy and Adrenalectomy in the Complications of Diabetes, Laurance W. Kinsell, Institute for Metabolic Research, Oakland, Calif.
The Place of Adrenalectomy in the Management of Severe Hypertension, Charles C. Wolferth, University of Pennsylvania School of Medicine, Philadelphia.

Physicians are invited to send to this department items of news of general interest, for example, those relating to society activities, new hospitals, education, and public health. Programs should be received at least three weeks before the date of meeting.

During the first week the afternoon panel meeting, "The Management of Disseminated Neoplastic Diseases," will be moderated by Dr. David A. Karnofsky, Memorial Center for Cancer and Allied Diseases, New York City, and the Thursday afternoon clinical-pathological conference on hypertension by Dr. Alfred A. Angrist, Albert Einstein College of Medicine, New York City. On Wednesday evening "New Drug Therapy in Psychiatry and Hypertension" will be considered in the following presentations:

The Nature of Drugs with Mental Actions and Their Relation to Cerebral Function, Harry H. Pennes, Eastern Pennsylvania Psychiatric Institute, Philadelphia.
New Drug Therapy in Psychiatry: Clinical Uses and Abuses in Mental Disorders, Paul H. Hoch, Albany, N. Y., commissioner of mental hygiene, New York State.
A Clinical Evaluation of Hypotensive Agents, Irvine H. Page, Cleveland Clinic, Cleveland.

Friday evening the general topic "An Evaluation of the Present Status of Cardiac Surgery" will be developed in "Physiological Considerations and Clinical Indications for Cardiac Surgery" by Dr. Howard B. Burchell, Mayo Clinic, Rochester, Minn.; "Surgery of Congenital Heart Disease" by Dr. Robert E. Gross, Children's Medical Center, Boston; and "Surgery of Acquired Heart Disease" by Dr. Frank Glenn, New York Hospital–Cornell Medical Center. The second week will offer a Monday afternoon panel meeting, "Surgical Management of Cardiovascular Disease," with Dr. Ludwig W. Eichna, New York University–Bellevue Medical Center, as moderator, and a Friday afternoon panel on "Therapy of Infections" moderated by Dr. David E. Rogers of the New York Hospital–Cornel Medical Center. "The Adrenal Cortical Steroids and Their Analogues" will be discussed Tuesday evening in the following program:

Biosynthesis of Adrenal Cortical Hormones, Gregory G. Pincus, Sc.D., Worcester Foundation for Experimental Biology, Shrewsbury, Mass.
Role of the Adrenal Cortical Steroids and Their Analogues in Electrolyte and Fluid Metabolism, Louis J. Soffer, Mount Sinai Hospital, New York City.
Clinical Uses and Hazards of the Adrenal Hormones and Their Analogues in the Management of Rheumatic Diseases, Joseph J. Bunim, National Institute of Arthritis and Metabolic Diseases, Bethesda, Md.

Dr. John G. Kidd, New York Hospital–Cornell Medical Center, New York City, will serve as moderator for the Wednesday afternoon clinical-pathological conference, "An Endocrine Problem." Thursday evening will be devoted to consideration of poliomyelitis. "The Nature of Viruses" will be presented by Mark H. Adams, Ph.D., New York University–Bellevue Medical Center, New York City; "Present Status of Attenuated Live Virus Poliomyelitis Vaccine" by Dr. Albert B. Sabin, Children's Hospital Research Foundation, Cincinnati; and "Recent Experience and Present Status of Killed Virus Poliomyelitis Vaccine" by Dr. Joseph E. Smadel, National Institutes of Health, Bethesda, Md. There will be a registration fee of $10 for nonfellows of the academy. Medical officers of the armed services, in uniform, will be admitted without charge. Interns and residents will be admitted without charge, provided they present letters from their chiefs of service. All inquiries should be addressed to: Secretary, Graduate Fortnight, New York Academy of Medicine, 2 E. 103rd St., New York 29.

OHIO

Course on Pediatric Practice.—The Frank E. Bunts Educational Institute, affiliated with the Cleveland Clinic Foundation, will present the fourth annual postgraduate continuation course in pediatrics, "Current Therapy in Pediatric Practice," Sept. 26-27 at the institute, 2020 E. 93rd St., Cleveland 6. Out-of-state guest speakers will include Drs. Lawrence K. Pickett, associate professor of surgery, State University of New York College of Medicine at Syracuse, N. Y., and James L. Wilson, professor of pediatrics and communicable diseases, University of Michigan Medical School, Ann Arbor, Mich. A symposium on the management of acute gastroenteritis in pediatric practice has been scheduled for 4:20 p. m. on Wednesday and a symposium on trauma for the same time on Thursday.

PENNSYLVANIA

Phi Delta Epsilon Lectureship.—The Nu chapter of the Phi Delta Epsilon fraternity at the University of Pittsburgh School of Medicine will hold its 11th annual lectureship Oct. 4 at 4:30 p. m. in the new medical school auditorium. The guest speaker, Dr. George Crile Jr., chairman of the department of surgery, Cleveland Clinic, will discuss "Physiologic Versus Anatomic Approach to the Problem of Goiter."

Philadelphia

Rehabilitation Course.—The University of Pennsylvania announces that the favorable response to the initial presentations of the course "Principles of Rehabilitation" has resulted in future scheduling for the following dates: Oct. 8-12, and Dec. 10-14, 1956; Feb. 4-8, April 22-26, and June 17-21, 1957. The course, designed to present the basic concepts of rehabilitation in all its aspects, is open to physicians, registered nurses, occupational therapists, social workers, rehabilitation counselors, and others concerned with rehabilitation of the handicapped. Principles and methods are presented through lectures, clinical demonstrations, and group discussions. The instructional staff includes representatives from the various divisions of the University of Pennsylvania and guest lecturers. Provisions for granting a limited number of trainee stipends to eligible persons attending the course have been made by the U. S. Office of Vocational Rehabilitation. Requests for detailed information may be addressed to the Rehabilitation Center, Hospital of the University of Pennsylvania, Philadelphia 4.

TENNESSEE

Postgraduate Courses.—The University of Tennessee College of Medicine, Memphis, announces the following postgraduate courses: Obstetrics and Gynecology, Oct. 3-5; Clinical Electrocardiography, Oct. 17-19; Radiology, Nov. 14-16; Psychiatric Problems in General Practice, Jan. 16-18, 1957; Office Urology, Feb. 27-March 1; Pediatrics, March 27-29; Fractures and Dislocations, April 24-26; Selected Problems in Internal Medicine, May 22-24; and Surgical Management of Acute Injuries, July 24-26. In addition, five-day diversified courses will be offered by the divisions of pediatrics (Jan. 21-25) and radiology (March 11-15), with enrollment limited to four physicians. The programs will include ward rounds with the staff, discussion of cases, attendance at clinical conferences, and work in the outpatient department. Further information may be obtained from the Postgraduate Department, 62 S. Dunlap St., Memphis.

WEST VIRGINIA

Rural Health Conference.—Dr. Franklin S. Crockett, West Lafayette, Ind., and Mr. Aubrey D. Gates, Little Rock, Ark., field director of the A. M. A. Council on Rural Health, will be guest speakers at the ninth Annual Rural Health Conference at Jackson's Mill, Oct. 4. Dr. Jerome C. Arnett, Rowlesburg, chairman, West Virginia State Medical Association's committee on rural health, will be in charge of the meeting, which is being sponsored by the association in cooperation with the West Virginia Farm Bureau, the agricultural extension division of West Virginia University, the West Virginia Congress of Agriculture, the West Virginia Home Demonstration Council, and the state department of health. During the morning session, workshops will be conducted on the possible contributions of youth to rural health, the role of the family physician in rural health, the role of public health in rural health services, and hospital and nursing care facilities. All those attending the conference will be guests of the West Virginia State Medical Association at a luncheon, 12:30 p. m. The afternoon session will be opened at 1:30 p. m. with an address of welcome by Dr. Athey R. Lutz of Parkersburg, president of the state medical association, followed by the addresses of Dr. Crockett and Mr. Gates. A panel discussion, with Mr. Gates as moderator, will follow his address. The conference is open to members of all interested groups.

GENERAL

Conference on Recreation.—The International Recreation Congress will convene at the Bellevue-Stratford Hotel in Philadelphia, Sept. 30—Oct. 5 coincidentally with the National Recreation Congress, which will hold its 38th annual meeting and observe the 50th anniversary year of the National Recreation Association, a citizens' organization supported by voluntary contributions.

SMA Golden Anniversary.—The Southern Medical Association, which will hold its regular annual scientific session, Nov. 12-15 in Washington, D. C., will celebrate its golden anniversary with a special program at the Read House, Chattanooga, Tenn., Oct. 2-3. Dr. Dwight H. Murray, Napa, Calif., President of the American Medical Association, will represent the A. M. A. at the celebration. After a dinner meeting Tuesday evening, Dr. Robert L. Sanders, Memphis, immediate past-president of the Southern Medical Association, will have as his subject "Fifty Years of Medicine in the South." A feature of the Wednesday morning session will be the unveiling of a plaque to be placed on the Read House.

Outbreak of Typhoid.—According to the U. S. Public Health Service, a number of cases of typhoid have occurred among persons who attended a church convention in Monarch Springs, Mo., July 20-29. A total of 170 families, comprising about 400 persons from 14 states, are reported to have attended the convention of the Church of God. By Aug. 25 two confirmed and three suspect cases with one death had been discovered in Louisiana among persons who had returned. There was a fatal suspect case and a reported case in Oklahoma, two reported cases in California, and one in Missouri. A subsequent report (Aug. 30) from the Missouri Division of Public Health noted that seven suspect cases had been found in Newton County among 25 of the camp meeting attendants. Preliminary investigation revealed that a well used by those at the convention was contaminated. A phage type C_2 organism has been isolated in one case.

Philippine Hospital Director on Tour.—Dr. Jose R. Reyes, past-president of the Manila Medical Society and the Philippine Obstetrical and Gynecological Society, is on a three to six months' travel grant in the United States to study the operation of selected teaching hospitals connected with university medical schools. Dr. Reyes is the director of the North General Hospital in Manila, a newly constructed 350-bed hospital of the department of health, the first official training hospital of the department wherein both pre-service and in-service training will be offered to many categories of health personnel and where refresher courses for doctors, nurses, dietitians, and others are being made available. Dr. Reyes, a graduate of the University of the Philippines College of Medicine, Manila, is a professor of gynecology at the Far Eastern University Institute of Medicine and an associate clinical professor of the University of Santo Tomas Faculty of Medicine and Surgery, both in Manila. Information may be obtained from Dr. John J. Hanlon, Chief, Public Health Branch, International Cooperation Administration, Washington 25, D. C.

Clinical Congress of Surgeons in San Francisco.—The 42nd annual Clinical Congress of the American College of Surgeons will convene in San Francisco, Oct. 8-12, under the presidency of Dr. Warren H. Cole, Chicago. Headquarters will be at the Civic Auditorium; some of the scientific sessions are scheduled for the Fairmont and Mark Hopkins hotels. For the first time, student representatives from 16 medical schools will attend the clinical congress, at college expense. The program will include eight postgraduate courses, 27 panel discussions, color television from the Herbert C. Moffitt Hospital, 17 cine clinics, motion pictures, surgical forum sessions, scientific and technical exhibits, and symposiums on trauma, cancer, graduate training in surgery and the surgical specialties, and mobilization of the stapes in otosclerosis, as well as a motion picture symposium on new or unusual problems in surgery. Major addresses will be presented by Dr. Daniel C. Elkin, Lancaster, Ky., incoming president of the college, and by Vannevar Bush, Sc.D., Washington, D. C., who will deliver the Martin Memorial Lecture. Dr. Michael L. Mason, Chicago, secretary of the college, will give the annual oration on trauma, speaking on "The Treatment of Open Wounds." The annual business meeting of the American branch of the International Society of Surgery will be held on Oct. 9 at 4 p.m. in the Nob Hill Room at the Fairmont Hotel.

Anesthesiologists Meet in Kansas City.—The annual meeting of the American Society of Anesthesiologists will convene in Kansas City, Mo., Oct. 8-12, under the presidency of Dr. Scott M. Smith, Salt Lake City. The general scientific sessions will be held in the Municipal Auditorium and, concurrently, another educational program, "Work in Progress," in the Little Theater of that building. The general sessions will include a panel discussion, "Anesthesia for Cardiac Catheterization," Wednesday, 2-3:30 p. m., moderated by Dr. Howard A. Bennett, Tulsa, Okla., and a panel discussion, "Pain Control in Terminal or Inoperable Carcinoma," at the same time on Thursday afternoon, with Dr. Richard H. Barrett, Hanover, N. H., as moderator. The general sessions will open Wednesday, 9 a. m., with "Chemical Rhizotomy in Management of Intractable Pain" by Dr. Louis W. Lewis, Ann Arbor, Mich., and will close with a debate, "Resolved That, Purism is Preferable to Poly-Pharmacy in the Practice of Anesthesia." The affirmative will be presented by Drs. O. Sidney Orth, Madison, Wis., and Perry P. Volpitto, Augusta, Ga., and the negative by Drs. M. Jack Frumin, New York, and Heber H. Ryan, Glendale, Calif. "Work in Progress" will begin with a panel discussion Wednesday, "The Performance of Equipment in Inhalation Anesthesia," moderated by Dr. Emanuel M. Papper, New York. The Tuesday morning session will open with panel discussion on pulmonary edema, for which Dr. Charles R. Stephen, Durham, N. C., will serve as moderator, and the Friday morning session with a panel discussion, "Anesthesia for Intracardiac Surgery," with Dr. Frederick H. Van Bergen, Minneapolis, as moderator. Monday and Tuesday will be devoted to the seventh annual refresher course, sponsored by the committee on medical schools and postgraduate education.

Tennessee Valley Medical Assembly.—The fourth annual Tennessee Valley Medical Assembly will be held at the Read House, Chattanooga, Tenn., Oct. 1-2. The registration fee ($15) includes the banquet Monday evening, at which Dr. Frederick C. Schwarz, Sydney, Australia, will present "Diagnosis, Prognosis and Treatment of Communism." At the scientific session Dr. Dwight H. Murray, Napa, Calif., President of the American Medical Association, will consider "The Role of the A. M. A. in Improving and Increasing Scientific Programs Throughout the Country." Other guest speakers and their subjects include:

Walter C. Alvarez, Chicago, New Observations on Little Strokes.
Philip S. Hench, Rochester, Minn., Treatment of Rheumatoid Arthritis.
J. P. Greenhill, Chicago, What's New in Obstetrics.
Guy W. Horsley, Richmond, Va., Carcinoma of the Colon and Rectum.
Eugene P. Pendergrass, Philadelphia, Responsibility of the General Practitioner and the Radiologist in Diagnosis of Curable Cancer of the Lung.
Tom D. Spies, Birmingham, Ala., Recent Advances in Treatment of Nutritional Disorders.
Francis E. Senear, Chicago, Diagnosis and Treatment of the Bullous Dermatoses.
James L. Poppen, Boston, Indications for Sympathectomy.
Henry W. Cave, New York, Ulcerative Colitis.
Russell J. Blattner, Houston, Texas, Encephalitis.
J. Hartwell Harrison, Boston, Clinical States Due to Abnormal Adrenocortical Function.
Henry L. Bockus, Philadelphia, Chronic Regional Enteritis. The Acute Abdomen.
Robert E. Gross, Boston, Surgical Treatment for Interauricular Septal Defects.
John S. Lundy, Rochester, Minn., Pain Relief.
T. Campbell Thompson, New York, Orthopedic Conditions of Special Interest to the Pediatrician and General Practitioner.
Michael E. DeBakey, Houston, Texas, Surgical Treatment of Diseases of the Aorta.

Congress on Medical Records.—The second International Congress on Medical Records will convene at the Shoreham Hotel, Washington, D. C., Oct. 1-5, under the joint sponsorship of the American Association of Medical Record Librarians, the Association of Medical Record Officers of the United Kingdom, the Canadian Association of Medical Record Librarians, and the Australian Federation of Medical Record Librarians. The opening address, "Establishing Standards and Evaluating Patient Care," will be delivered Monday morning by Dr. Mindel C. Sheps, department of preventive medicine, Harvard Medical School, Boston. The Monday sessions will close with "World Health Problems and Programs" by Howard M. Kline, Ph.D., chief, education and training branch, division of international health, Public Health Service, Department of Health, Education, and Welfare, Washington, D. C. Tuesday afternoon Dr. Gordon A. Winfield, director, medical research statistics, development and planning, Department of Veterans Affairs, Ottawa, Canada, will moderate a panel in which principles of selection and use of morbidity and mortality classifications will be presented (1) in vital and health statistics by Dr. Halbert L. Dunn, chief, National Office of Vital Statistics, Public Health Service, Department of Health, Education, and Welfare, Washington, D. C.; (2) in clinical medicine by Dr. George Baehr, New York City, chairman, Editorial Advisory Board, A. M. A. Standard Nomenclature of Diseases and Operations; and (3) in industrial medicine by Dr. Jean S. Felton, associate professor of medicine and of preventive medicine and public health, University of Oklahoma School of Medicine, Oklahoma City. Wednesday afternoon will be devoted to tours of these local hospitals: National Naval Medical Center and Clinical Center, National Institutes of Health, Public Health Service, Department of Health, Education, and Welfare in Bethesda, Md., and Johns Hopkins Hospital and U. S. Public Health Service Hospital in Baltimore. (Only one tour may be taken by any individual). The Thursday morning program will conclude with "The Need for Research in Mental Health Problems" by Dr. Richard L. Jenkins, director, Psychiatric Evaluation Project, Veterans Administration Hospital, Washington, D. C. The Sister Patricia Memorial Lecture, "Changing Concepts of Treatment," will be delivered Friday morning by Dr. William S. Middleton, chief medical director, Veterans Administration, Washington, D. C.

Prevalence of Poliomyelitis.—According to the National Office of Vital Statistics, the following number of reported cases of poliomyelitis occurred in the United States and its territories and possessions in the weeks ended as indicated:

Area	Aug. 25, 1956: Paralytic Type	Aug. 25, 1956: Total Cases Reported	Aug. 27, 1955, Total
New England States			
Maine	1	1	18
New Hampshire	..	..	27
Vermont	..	..	13
Massachusetts	2	6	355
Rhode Island	..	1	36
Connecticut	..	7	56
Middle Atlantic States			
New York	11	51	238
New Jersey	4	15	59
Pennsylvania	..	13	68
East North Central States			
Ohio	10	46	124
Indiana	12	26	34
Illinois	90	167	111
Michigan	17	42	116
Wisconsin	10	39	353
West North Central States			
Minnesota	8	15	60
Iowa	1	68	41
Missouri	9	31	17
North Dakota	..	2	3
South Dakota	..	1	11
Nebraska	2	12	11
Kansas	3	18	21
South Atlantic States			
Delaware	1	1	3
Maryland	6	6	25
District of Columbia	..	..	4
Virginia	11	13	25
West Virginia	7	9	14
North Carolina	10	19	38
South Carolina	4	6	21
Georgia	4	13	14
Florida	3	10	16
East South Central States			
Kentucky	3	10	36
Tennessee	10	12	16
Alabama	..	15	10
Mississippi	14	21	6
West South Central States			
Arkansas	8	9	17
Louisiana	24	31	11
Oklahoma	7	19	15
Texas	23	50	80
Mountain States			
Montana	..	1	3
Idaho	5	10	10
Wyoming	1	4	..
Colorado	2	9	10
New Mexico	1	2	10
Arizona	3	7	3
Utah	..	8	4
Nevada	..	..	1
Pacific States			
Washington	2	9	16
Oregon	1	3	18
California	45	85	86
Territories and Possessions			
Alaska	1	1	4
Hawaii	1	2	3
Puerto Rico	..	..	..
Total	377	946	2,294

Fellowship in Hematology.—A fellowship in hematology, with emphasis on the study of leukemia, has been created in the University of Cincinnati College of Medicine by friends of the late Mrs. A. Burton Closson. The Lucinda Closson Memorial Fellowship in the Laboratory of Hematology and Cellular Metabolism at the Cincinnati General Hospital will be under the direction of Dr. Richard W. Vilter. A stipend of $3,500 will be paid to first-year appointees and $4,500 to second-year appointees. An internship and one or more years of residency training in internal medicine are required. Openings are available beginning July, 1957. Applications should be directed to Dr. Richard W. Vilter, Director, Laboratory of Hematology, Cincinnati General Hospital, Cincinnati 29.

FOREIGN

Geriatric Symposium.—A symposium on the biology of aging will be held in the Anatomy Theatre, University College, Gower Street, London, W. C. 1, Sept. 27-28. Subjects for discussion will include Aging and Metabolism, The Aging of Mammalian Cells, Endocrinology and Aging, Functional Changes with Age in Relation to the Employment of the Elderly, Psychological Changes with Age, Nutrition and Aging, and Genetic Variations in Aging.

Congress on History of Pharmacy.—The International Society for the History of Pharmacy will hold its annual congress Oct. 4-8 at Lucerne, Switzerland. On Saturday an excursion to the Lake Valley has been arranged, with reception at Heidegg Castle. Sunday there will be a session on Buergenstock, commemorating 30 years of the International Society for the History of Pharmacy, the centenary of Prof. Alexander Tschirch, and the memory of Prof. Josef A. Haefliger, president of the society till 1954. A visit to the Swiss Museum for the History of Pharmacy has been planned for Monday. Registration forms can be obtained from Dr. Albert Schubiger, Kapellplatz 5, Lucerne, Switzerland.

EXAMINATIONS AND LICENSURE

NATIONAL BOARD OF MEDICAL EXAMINERS

NATIONAL BOARD OF MEDICAL EXAMINERS: Various Centers. September 4-5 (Part I). Candidates may file applications at any time but they must be received at least six weeks before the date of the examination for which application is made. New candidates should apply by formal registration; registered candidates may notify the board, indicating desired location, date and candidate number. Ex. Sec., Dr. John P. Hubbard, 133 South 36th St., Philadelphia 4.

BOARDS OF MEDICAL EXAMINERS

ALABAMA: *Examination.* Montgomery, June 18-20. Sec., Dr. D. G. Gill, State Office Bldg., Montgomery 4.

ARIZONA:* *Examination and Reciprocity.* Phoenix, Oct. 17-19. Ex. Sec., Mr. Robert Carpenter, 411 Security Bldg., Phoenix.

ARKANSAS:* *Examination and Reciprocity.* Little Rock, Nov. 8-9. Sec., Dr. Joe Verser, Harrisburg.

COLORADO:* *Reciprocity.* Denver, Oct. 9. Final date for filing application was Sept. 10. *Examination.* Denver, Dec. 4-5. Final date for filing application is Nov. 2. Sec., Dr. Samuel H. Brown, 831 Republic Bldg., Denver 2.

CONNECTICUT:* *Examination.* Hartford, Nov. 13-15. Sec., Dr. Creighton Barker, 160 St. Roman St., New Haven.

DELAWARE: *Examination.* Dover, Jan. 8-10. *Reciprocity.* Dover, Jan. 17. Sec., Dr. Joseph S. McDaniel, 225 So. State St., Dover.

DISTRICT OF COLUMBIA:* *Examination.* Washington, Nov. 13-14. Deputy Director, Mr. Paul Foley, 1740 Massachusetts Ave., N.W., Washington 6.

FLORIDA:* *Examination.* Miami Beach, Nov. 25-27. Sec., Dr. Homer L. Pearson, 901 N.W. 17th St., Miami 36.

GEORGIA: *Examination and Reciprocity.* Atlanta, Oct. 9-11. Sec., Mr. Cecil L. Clifton, 111 State Capitol, Atlanta 3.

IDAHO: *Examination and Reciprocity.* Boise, Jan. 7-9. Exec. Sec., Mr. Armand L. Bird, 364 Sonna Bldg., Boise.

ILLINOIS: *Examination.* Chicago Sept. 24-27. Supt. of Regis., Mr. Fredric B. Selcke, Capitol Bldg., Springfield.

KANSAS: *Examination and Endorsement.* Topeka, Dec. 12-13. Sec., Dr. Lyle F. Schmaus, 872 New Brotherhood Bldg., Kansas City.

KENTUCKY: *Examination.* Louisville, Dec. 10-12. Sec., Dr. Russell Teague, 620 South Third St., Louisville 2.

LOUISIANA: *Homeopathic.* Subject to call. Sec., Dr. F. H. Hardenstein, 903 Pere Marquette Bldg., New Orleans 12.

MAINE: *Examination and Reciprocity.* Portland, Nov. 13-14. Sec., Dr. Adam P. Leighton, 192 State St., Portland.

MARYLAND: *Examination.* Baltimore, Dec. 11-14. Sec., Dr. Lewis P. Gundry, 1211 Cathedral St., Baltimore 1.

MICHIGAN:* *Examination.* Lansing, Oct. 10-12. Sec., Dr. E. C. Swanson, 118 Stevens T. Mason Bldg., West Michigan Ave., Lansing 8.

MINNESOTA:* *Examination and Reciprocity.* Minneapolis, Oct. 16-18. Sec., Dr. F. H. Magney, 230 Lowry Medical Arts Bldg., St. Paul 12.

MISSISSIPPI: *Reciprocity.* Jackson, December. *Examination.* Jackson, June. Asst. Sec., Dr. R. N. Whitfield, Old Capitol, Jackson.

MISSOURI: *Examination and Reciprocity.* Kansas City, Oct. 25-27. Ex. Sec., Mr. John A. Hailey, Box 4, State Capitol Bldg., Jefferson City.

MONTANA: *Examination and Reciprocity.* Helena, Oct. 2-3. Sec., Dr. S. A. Cooney, 7 West 6th Ave., Helena.

NEBRASKA:* *Examination.* Omaha, June 17-19. Director, Mr. Husted K. Watson, Room 1009, State Capitol Bldg., Lincoln 9.

NEVADA:* *Examination and Reciprocity.* Reno, Oct. 2. Sec., Dr. G. H. Ross, 112 No. Curry St., Carson City.

NEW JERSEY: *Endorsement.* Trenton, Sept. 12. *Examination.* Trenton, Oct. 16-19. Sec., Dr. Patrick H. Corrigan, 28 West State St., Trenton.

NEW MEXICO:* *Examination and Reciprocity.* Santa Fe, Nov. 19-20. Sec., Dr. R. C. Derbyshire, 227 East Palace Ave., Santa Fe.

NEW YORK: *Examination.* Albany, Buffalo, New York City and Syracuse, Oct. 16-19. Sec., Dr. Stiles D. Ezell, 23 S. Pearl St., Albany.

NORTH CAROLINA: *Examination and Reciprocity.* Raleigh, Sept. 24. Sec., Dr. Joseph J. Combs, 716 Professional Bldg., Raleigh.

NORTH DAKOTA: *Examination and Reciprocity.* Grand Forks, Jan. 2-5. Sec., Dr. C. J. Glaspel, Grafton.

OREGON:* *Reciprocity.* Portland, Oct. 19-20. *Examination.* Portland, January. Ex. Sec., Mr. Howard I. Bobbitt, 609 Failing Bldg., Portland 4.

RHODE ISLAND:* *Examination.* Providence, Oct. 4-5. Admin. of Professional Regulation, Mr. Thomas B. Casey, 366 State Office Bldg., Providence.

SOUTH DAKOTA:* *Examination.* Sioux Falls, Jan. 21-22. Ex. Sec., Mr. John C. Foster, 300 First National Bank Bldg., Sioux Falls.

TENNESSEE:* *Examination.* Memphis, Sept. 26-27. Sec., Dr. H. W. Qualls, 1635 Exchange Bldg., Memphis 3.

TEXAS:* *Examination and Reciprocity.* Fort Worth, Dec. 6-8. Applications for reciprocity must be complete and on file at least thirty days prior to the December meeting, and applications for examination must be complete and on file at least ten days prior to the meeting date. Sec., Dr. M. H. Crabb, 1714 Medical Arts Bldg., Fort Worth 2.

UTAH: *Reciprocity.* Salt Lake City, Nov. 20. *Examination.* Salt Lake City, July 11-13. Director, Mr. Frank E. Lees, 324 State Capitol Bldg., Salt Lake City 1.

VIRGINIA: *Examination and Reciprocity.* Richmond, Dec. 5-7. Address: Secretary to the Board, 631 First St., S.W., Roanoke.

WASHINGTON:* *Examination and Reciprocity.* Seattle, Jan. 14-16 and Jan. 12. Sec., Mr. Edward C. Dohm, Olympia.

WEST VIRGINIA: *Reciprocity.* Charleston, Oct. 8. *Examination.* Charleston, January. Sec., Dr. Newman H. Dyer, State Office Building No. 3, Charleston 5.

WISCONSIN:* *Reciprocity.* Madison, Oct. 19 and Jan. 9. *Examination.* Madison, Jan. 8-10. Sec., Dr. Thomas W. Tormey, Jr., 1140 State Office Bldg., 1 West Wilson St., Madison.

WYOMING: *Examination and Reciprocity.* Cheyenne, Oct. 1. Sec., Dr. Franklin D. Yoder, State Office Bldg., Cheyenne.

ALASKA:* On application in Anchorage, Fairbanks, Juneau and other towns. Sec., Dr. W. M. Whitehead, 172 South Franklin St., Juneau.

BOARDS OF EXAMINERS IN THE BASIC SCIENCES

ARKANSAS: *Examination and Reciprocity.* Little Rock, Oct. 1-2. Sec., Mr. S. C. Dellinger, Zoology Department, University of Arkansas, Little Rock.

COLORADO: *Examination and Reciprocity.* Dec. 5-6, Lincoln and Denver. Sec., Dr. Esther B. Starks, 1459 Ogden St., Denver 18.

CONNECTICUT: *Examination.* New Haven, Oct. 13. Exec. Asst., Miss Regina G. Brown, 258 Bradley St., New Haven 10.

DISTRICT OF COLUMBIA: *Examination.* Washington, Oct. 22-23. Deputy Director, Mr. Paul Foley, 1740 Massachusetts Ave., N.W., Washington.

MICHIGAN: *Examination and Reciprocity.* Ann Arbor and Detroit, Oct. 12-13. Sec., Mrs. Anne Baker, 116 Stevens T. Mason Bldg., Lansing.

MINNESOTA: *Examination and Reciprocity.* Minneapolis, Oct. 2-3. Sec., Dr. Raymond N. Bieter, 105 Millard Hall, University of Minnesota, Minneapolis.

NEW MEXICO: *Reciprocity.* Santa Fe, Oct. 2. Examination. Santa Fe, Oct. 21. Sec., Mrs. Marguerite Cantrell, Box 1522, Santa Fe.

OKLAHOMA: *Examination and Reciprocity.* Oklahoma City, Sept. 28-29. Sec., Dr. E. F. Lester, 813 Braniff Bldg., Oklahoma City.

OREGON: *Examination.* Portland, Dec. 1. Dr. Earl M. Palett, Sec., State Board of Higher Education, Eugene.

SOUTH DAKOTA: *Examination.* Vermillion, Dec. 7-8. Sec., Dr. Gregg M. Evans, 310 E. 15th St., Yankton.

TEXAS: *Reciprocity.* Dallas, Sept. 29. *Examination.* Dallas, Oct. 19-20. Sec., Bro. Raphael Wilson, 407 Perry-Brooks Bldg., Austin.

WASHINGTON: *Examination.* Seattle, Jan. 9-10. Sec., Mr. Edward C. Dohm, Olympia.

WISCONSIN: *Examination.* Milwaukee, Dec. 1. Sec., Dr. W. H. Barber, 621 Ransom St., Ripon.

ALASKA: *Examination and Reciprocity.* Anchorage and Juneau, first week of February, April, June, August and November. Sec., Dr. C. Earl Albrecht, Box 1931, Juneau.

*Basic Science Certificate required.

GOVERNMENT SERVICES

ARMY

First-Aid Training.—Today's soldier for the first time is getting extensive indoctrination in the basic medical essentials for saving his own life and that of his fellow soldier in mass destruction warfare. More than a year ago the Army Medical Service began establishing standards of proficiency to be reached by nonmedical soldiers that would enable them to assist the injured and save their own lives when faced with overwhelming casualties. Recognizing that recent changes in weapons and the advent of nuclear arms had made necessary an increase in the amount of self-aid and first aid being taught the average soldier, the surgeon general suggested such indoctrination be given by Army Medical Service personnel stationed at each training center. A class of 10 officers and 30 enlisted men, selected to carry out the objective of the new program, took five days of intensive training at the Army Medical Service School, Fort Sam Houston, Texas, in April. When graduated, they were organized into six groups of officers and enlisted men and sent to Fort Dix, N. J.; Fort Jackson, S. C.; Camp Chaffee, Ark.; Fort Leonard Wood, Mo.; Fort Knox, Ky.; and Fort Bliss, Texas.

The amount of instruction in the principles of self-aid and first aid needed by the combat soldier for future wars is just about twice the training he has needed for the conventional warfare of the past. The medical training now being inaugurated at the training centers is based on the assumption that in the future nonmedical military personnel will have to bear far greater responsibility for first-aid treatment for themselves and their colleagues than previously. These persons will be equipped by the new program of instruction to assist the supporting medical units and will significantly bring about conservation of manpower. The broadened concept of soldier first aid and self-aid includes the control of hemorrhage; the prevention and treatment of shock; patient positioning and care in the treatment of fractures; the care of open wounds and burns; artificial respiration; treatment of casualties with wounds in chest, head, neck, and extremities; and a working knowledge of the screening and transporting of the wounded.

Medical Aspects of World War II.—The growth of the Army Medical Service during World War II to an organization that was able to treat almost 9 million patients in the United States is described in a new volume of the Army Historical Series entitled "The Medical Department: Hospitalization and Evacuation, Zone of Interior," which was published in July. The book was written by Clarence McK. Smith, formerly a member of the historical division, Office of the Army Surgeon General. This new volume may be purchased for $4 from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Personal.—Brig. Gen. Sam F. Seeley, M. C., U. S. Army, for nearly three years chief consultant in surgery to the U. S. Army in Europe, has assumed command of the 1,000-bed Valley Forge Army Hospital, succeeding Brig. Gen. Mack M. Green, M. C., who retired on June 30.

NAVY

Medical Student Ensigns.—One hundred fifty-five selected senior students enrolled in 57 medical schools throughout the United States and Puerto Rico will enter on active duty as medical ensigns, U. S. Naval Reserve, and participants in the Navy's senior medical student program when school opens in the fall. These students will receive the full pay and allowance of their rank while enrolled on active duty, and on completion of medical school and internship they will be commissioned in the medical corps of the regular Navy. This program is open to qualified students enrolled at medical schools accredited by the Council on Medical Education and Hospitals of the American Medical Association. Students who have completed their second year of medical school may make application for this training at any office of naval officer procurement. Active duty commences and continues while the students are in attendance during their senior academic year. To be eligible for participation, the student must be a medical ensign, U. S. Naval Reserve, or agree to accept such an appointment if selected. A board convened in the bureau of medicine and surgery selects the candidates for participation in this program. Because an average of four months is required to process each application completely, those desiring to participate in this training during fiscal year 1958 must forward completed applications by Feb. 1, 1957, to the Bureau of Personnel, Department of the Navy, Washington, D. C.

VETERANS ADMINISTRATION

Personal.—Dr. Ivan F. Bennett has been appointed chief of psychiatric research in the psychiatry and neurology service of the Veterans Administration Central Office, Washington, D. C. He succeeds Dr. Richard L. Jenkins, who has been reassigned as director of the VA's psychiatric evaluation project, with headquarters in Mount Alto Hospital in Washington.——Dr. Marjorie P. Wilson has been appointed chief of the Veterans Administration residency and internship division in the education service of the Department of Medicine and Surgery at Washington, D. C. She succeeds Dr. J. H. Friedlander, who has been reassigned as manager of the VA hospital in Big Springs, Texas.——The highest honor in the physical medicine and rehabilitation medical service, the John E. Davis plaque, has been awarded to Dr. Louis B. Newman, chief of physical medicine and rehabilitation at the Chicago north side VA Research Hospital.

PUBLIC HEALTH SERVICE

Research Fellowships.—A Senior Research Fellowship program, administered by the National Institutes of Health, Public Health Service, is now in operation. During the first year, this program will provide for a total of 40 to 50 awards to the nation's medical schools, dental schools, and schools of public health. These awards will be increased by a like number each year for five years until a total of 200 to 250 fellowships is awarded annually. The awards will be for a maximum of $10,000 a year and may be retained as long as five years. Only three applications may be made per year by each school. The program is designed to attract and hold able investigators in the preclinical sciences. Requests for information concerning this program should be addressed to the Chief, Research Fellowship Program, Division of Research Grants, National Institutes of Health, Bethesda 14, Md.

Postgraduate Courses.—The Graduate School of the U. S. Department of Agriculture, in cooperation with the National Institutes of Health in Bethesda, Md., has been offering a series of postgraduate courses for physicians. Some of these courses are unusual, for example, there is a series of courses entitled "Improving Professional Speaking" that has been constructed and oriented specifically for physicians. An article entitled "Speech Education for Physicians and Dentists" is scheduled for publication in the January, 1957, issue of *Today's Speech.*

FOOD AND DRUG ADMINISTRATION

Personal.—Dr. Peter J. Farago has been appointed deputy medical director of the Food and Drug Administration, Department of Health, Education, and Welfare. The administration's Bureau of Medicine is responsible for advising the administration on all medical questions involved in enforcement of the Federal Food, Drug, and Cosmetic Act. The bureau also assists in the development of medical evidence in court cases involving adulterated and misbranded products and administers the new-drug provisions of the act that require review of safety data on all new drugs prior to marketing. Dr. Farago comes to the Food and Drug Administration from the Abbott Laboratories, North Chicago, where he has been a member of the medical department doing clinical investigative work on new drugs for the past three years.

DEATHS

Carlson, Anton Julius, formerly professor and chairman of the department of physiology at the University of Chicago, and in 1946 recipient of the Distinguished Service medal of the American Medical Association, died Sept. 2 in Albert Merritt Billings Hospital, of cancer. Dr. Carlson was born in Sweden Jan. 29, 1875, and came to America in 1891. He received the bachelor of science degree from Augustana College in 1898 and the Ph.D. from Stanford University in 1903. He served as research assistant in physiology at Stanford and then became associated with the Carnegie Institution. In 1904 he joined the faculty of the University of Chicago, where in 1929 he became Frank P. Hixon Distinguished Service Professor. He was Secretary of the Section on Pathology and Physiology of the American Medical Association from 1912 to 1914, when he became Chairman, serving until 1915. He received the Distinguished Service Citation of the Minnesota State Medical Association and in 1953 was voted humanist of the year. He was president of the American Physiological Society, the Institute of Medicine of Chicago, American Association of University Professors, Federation of American Societies for Experimental Biology, the Gerontological Society, American Biological Society, American Association for the Advancement of Science, National Society for Medical Research, Research Council on Problems of Alcohol, and the Chicago Committee on Alcoholism. During World War I he was assigned to the Sanitary Corps as a lieutenant colonel in the U. S. Army and worked with the American Relief Expedition in Europe. He was awarded honorary degrees (M.D., LL.D., and Sc.D.) by eight universities and colleges.

Fulton, Clifford Cannon ⊕ Oklahoma City; Rush Medical College, Chicago, 1929; professor of surgery at the University of Oklahoma School of Medicine; certified by the National Board of Medical Examiners; specialist certified by the American Board of Surgery; fellow of the American College of Surgeons; veteran of World War II; on the staffs of St. Anthony and Wesley hospitals; died June 22, aged 53, of cancer of the liver.

Grimm, Benjamin Hayes ⊕ Sidney, Neb.; University of Nebraska College of Medicine, Omaha, 1936; interned at the Presbyterian Hospital in Denver; on the faculty of his alma mater; member of the American Academy of General Practice; on the staff of the Cheyenne County Memorial Hospital, where he died May 31, aged 46, of coronary occlusion.

Horvath, Louis Oliver ⊕ Detroit; Wayne University College of Medicine, Detroit, 1938; interned at the Grace Hospital; on the staffs of the Delray and William Booth Memorial hospitals; died June 13, aged 51, of coronary thrombosis.

Hurley, Douglas Chester ⊕ Elgin, Ill.; Northwestern University Medical School, Chicago, 1925; veteran of World Wars I and II; died July 15, aged 57.

Jacobsen, Frederick Charles, Palos Heights, Ill.; Jenner Medical College, Chicago, 1907; veteran of the Spanish-American War; retired chief surgeon for Armour and Company in Chicago; served on the staff of the Mercy Hospital in Chicago, where he died March 5, aged 80, of uremia due to carcinoma.

Johnson, Frederick A., New York City; Columbia University College of Physicians and Surgeons, New York City, 1906; died May 28, aged 82, of arteriosclerotic heart disease.

Kimmel, Richard Klais, St. Louis; Washington University School of Medicine, St. Louis, 1925; died in De Paul Hospital June 3, aged 55, of hypertensive arteriosclerotic cardiovascular disease.

Krieger, Jacob, Brooklyn, N. Y.; Long Island College Hospital, Brooklyn, 1913; member of the Medical Society of the State of New York; member of the staff of the Beth-El Hospital, where he died June 26, aged 65, of acute myocardial infarction and arteriosclerotic heart disease.

Lanza, Nicola, New York City; Regia Università di Napoli Facoltà di Medicina e Chirurgia, Italy, 1898; died in the Flower and Fifth Avenue Hospitals June 9, aged 83, of bronchogenic carcinoma.

⊕ Indicates Member of the American Medical Association.

Lloyd, John Robert ⊕ Washington, D. C.; Indiana University School of Medicine, Indianapolis, 1925; veteran of World War I; on the staff of the Episcopal Eye, Ear and Throat Hospital; died in Chevy Chase, Md., July 3, aged 57, of coronary occlusion.

Love, Andrew Alexander ⊕ North Hollywood, Calif.; University of Minnesota Medical School, Minneapolis, 1930; also a graduate of a dental school; certified by the National Board of Medical Examiners; fellow of the American College of Surgeons; veteran of World War I; industrial surgeon at Lockheed Aircraft Corporation at Burbank; on the courtesy staff of St. Joseph Hospital in Burbank, where he died June 12, aged 57, of generalized peritonitis and pneumonia.

Lucas, Charles, Los Angeles; Georgetown University School of Medicine, Washington, D. C., 1893; died April 11, aged 89, of cancer of the lung.

McCall, Cummings Herrington ⊕ Gulfport, Miss.; Rush Medical College, Chicago, 1928; member of the Southeastern Surgical Congress; fellow of the American College of Surgeons; past-president of the Mississippi State Medical Association and the Coast Counties Medical Society; on the staff of the Memorial Hospital; died July 2, aged 59.

McKinley, Walter Etna ⊕ Gardner, Kan.; College of Physicians and Surgeons, Keokuk, Iowa, 1887; member of the American Psychiatric Association; served on the staff of the Osawatomie (Kan.) State Hospital; died July 12, aged 88, of left ventricular failure, arteriosclerosis, and hypertension.

McLaughlin, Bernard Gill, Manchester, N. H.; Georgetown University School of Medicine, Washington, D. C., 1951; interned at the Georgetown University Hospital in Washington, D. C., where he served a residency; served a residency at the New England Deaconess Hospital in Boston and the Veterans Administration Hospital in Washington, D. C.; certified by the National Board of Medical Examiners; died in the Sacred Heart Hospital March 18, aged 29, of chronic glomerulonephritis, hypertensive cardiovascular disease, and diabetes mellitus.

Maloney, Robert Lee ⊕ McMinnville, Tenn.; Atlanta (Ga.) College of Physicians and Surgeons, 1903; chairman of the Magness Memorial Library Board; a director of the First National Bank of McMinnville and the First Federal Bank of Nashville; died July 8, aged 81, of heart disease.

Martinolich, Betty Joyce Drury, Byhalia, Miss.; University of Tennessee College of Medicine, Memphis, 1953; served on the staff of North Mississippi Hospital in Holly Springs; interned at St. Joseph's Hospital in Memphis, Tenn.; died July 7, aged 29, of cerebrovascular accident.

Mount, Garry, Rochester, N. Y.; Cleveland Homeopathic Medical College, 1899; an associate member of the American Medical Association; served on the staff of the Genesee Hospital; died July 8, aged 79, of coronary disease.

Paster, Alexander Zus ⊕ New York City; Universita Karlova Fakulta Lékařská, Praha, Czechoslovakia, 1929; died in the Flower and Fifth Avenue Hospitals June 17, aged 55, of cirrhosis of the liver.

Plummer, Grover Cleveland ⊕ Buffalo, Mo.; University College of Medicine, Richmond, Va., 1909; member of the American Academy of General Practice; died in the Springfield (Mo.) Baptist Hospital, May 17, aged 70, of coronary thrombosis and arteriosclerosis.

Reynolds, Ralph Arthur ⊕ San Francisco; University of California Medical School, San Francisco, 1925; member of the Endocrine Society; died June 25, aged 63, of coronary thrombosis.

Rodman, George Teeter, Hawley, Pa.; University of the City of New York Medical Department, 1886; past-president of the Wayne County Medical Society; secretary of the first local board of health, which he helped to organize; died June 13, aged 91, of arteriosclerosis.

Rupp, John Jacob ⊕ Marlboro, Mass.; Washington University School of Medicine, St. Louis, 1944; interned at the University Hospitals in Cleveland; formerly a resident at the Albany (N. Y.) Hospital and the Massachusetts General Hospital in Boston; specialist certified by the American Board of Anesthesiology; member of the American Society of Anesthesiologists; and the Arizona State Medical Association; died June 15, aged 37.

St. George, Archibald, South Swansea, Mass.; College of Physicians and Surgeons, Baltimore, 1895; served as a member of the board of health; died June 16, aged 88.

Saidman, Maurycy ⊕ New York City; Universität Basel Medizinische Fakultät, Switzerland, 1907; fellow of the International College of Surgeons; died in the Maimonides Hospital in Brooklyn June 27, aged 71, of arteriosclerotic heart disease.

Salvati, Carlo, New York City; Regia Università di Napoli Facoltà di Medicina e Chirurgia, Italy, 1893; died May 31, aged 90, of arteriosclerotic heart disease.

Shelley, Robert Alexander J. ⊕ Coldwater, Kan.; University of Tennessee Medical Department, Nashville, 1903; died in the Comanche County Hospital July 3, aged 81, of cancer.

Simmons, James I., Dallas, Ga.; Atlanta (Ga.) College of Physicians and Surgeons, 1909; Georgia College of Eclectic Medicine and Surgery, Atlanta, 1910; died June 15, aged 75.

Skern, Abraham Marcus, Yonkers, N. Y.; Cornell University Medical College, New York City, 1902; an associate member of the American Medical Association; died in New York City July 8, aged 75, of coronary arteriosclerosis.

Skiff, Stuart Ernest ⊕ New Haven, Conn.; Hahnemann Medical College and Hospital of Philadelphia, 1903; one of the founders of the Grace-New Haven Community Hospital, where he was on the staff for many years; died June 3, aged 77, of cerebral hemorrhage.

Smith, Frederick Cleveland ⊕ Marion, Ohio (licensed in Ohio in 1917); served as Republican congressman from the Eighth Ohio Congressional District; formerly mayor of Marion; died in the Marion General Hospital July 16, aged 72.

Solomonica, Julius, New York City; Medizinische Fakultät der Universität, Vienna, Austria, 1901; died in the Mount Sinai Hospital June 11, aged 82, of congestive heart disease and myocardial infarct.

Stack, Leonard Anthony ⊕ Lorain, Ohio; University of Cincinnati College of Medicine, 1923; fellow of the American College of Surgeons; past-president of the Lorain County Medical Society; veteran of World Wars I and II; past-president of the staff and member of the board of directors of St. Joseph's Hospital, where he died June 19, aged 57, of brain tumor.

Stafford, Samuel Patterson, St. Louis; University of Pennsylvania Department of Medicine, Philadelphia, 1897; died in the Homer G. Phillips Hospital July 1, aged 84, of heart disease.

Stephens, John Arch ⊕ Paris, Texas; Baylor University College of Medicine, Dallas, 1929; member of the American Academy of General Practice; died June 29, aged 51, of coronary thrombosis.

Stevens, Franklin Augustus, Jr., New York City; State University of Iowa College of Medicine, Iowa City, 1915; served as an associate in medicine at Columbia University College of Physicians and Surgeons; later assistant attending physician at the Vanderbilt Clinic and Presbyterian Hospital, where he died June 20, aged 64, of carcinoma of the lung.

Stevens, George Alfred ⊕ Sioux Falls, S. D.; Creighton University School of Medicine, Omaha, 1909; on the staff of the Sioux Valley Hospital; died June 20, aged 71, of a heart attack.

Sudler, Mervin Tubman ⊕ Lawrence, Kan.; College of Physicians and Surgeons, Baltimore, 1901; instructor in surgery at the Cornell University Medical College in New York City, 1902-1903; professor of anatomy at the University of Kansas School of Medicine, Kansas City, from 1906 to 1912 when he became dean and professor of surgery, serving until 1924; fellow of the American College of Surgeons; on the staff of the Lawrence Memorial Hospital; consultant, Watkins Memorial Hospital; died June 22, aged 80, of coronary occlusion.

Tappan, Russell G. ⊕ Knoxville, Tenn.; St. Louis College of Physicians and Surgeons, 1922; died in Fort Sanders Presbyterian Hospital June 15, aged 59.

Teifer, Charles Aloyscious ⊕ Muskegon, Mich.; Detroit College of Medicine and Surgery, 1916; past-president of the Muskegon County Medical Society; member of the Industrial Medical Association; at one time a member of the Michigan State Board of Registration in Medicine; for many years physician for Muskegon High School football teams and other high school athletes; died in the Mercy Hospital June 6, aged 64, of acute posterior myocardial infarction.

Thomas, John Willard, New Orleans; Harvard Medical School, Boston, 1900; served on the faculty of Flint Medical College of New Orleans University; on the staff of the Flint-Goodridge Hospital of Dillard University; died June 21, aged 96.

Thornton, Robert Amos ⊕ Columbus, Ohio; Starling-Ohio Medical College, Columbus, 1912; veteran of World War I; on the staffs of St. Anthony and White Cross hospitals; died May 20, aged 67, of coronary thrombosis.

Thorpe, Eugene Davis, Madison, Fla.; Tulane University School of Medicine, New Orleans, 1920; veteran of World War I; died May 16, aged 61, of a heart attack.

Trudeau, Francis Berger ⊕ Saranac Lake, N. Y.; Johns Hopkins University School of Medicine, Baltimore, 1913; member of the American Trudeau Society and the American Clinical and Climatological Association; consultant, member and past-president of the board of the Trudeau Sanatorium in Trudeau; honorary staff member of General Hospital; died July 19, aged 69, of arteriosclerotic heart disease.

Van Haltern, Harold Leslie ⊕ Pontiac, Mich.; University of Texas School of Medicine, Galveston, 1933; specialist certified by the American Board of Radiology; member of the Radiological Society of North America and the American College of Radiology; radiologist at the Pontiac General Hospital, where he died June 23, aged 48, of coronary thrombosis.

Welch, Francis William, Buffalo; University of Buffalo School of Medicine, 1914; served on the staff of the Lafayette General Hospital; died in the Edward J. Meyer Memorial Hospital July 2, aged 64.

Welch, John Gober ⊕ Port Neches, Texas; Southern Methodist University Medical Department, Dallas, 1914; died in St. Mary's Hospital, Port Arthur, June 3, aged 63.

Weldon, Thomas Franklin, Major, U. S. Army, retired, Hicksville, N. Y.; Long Island College Hospital, Brooklyn, 1914; entered the Medical Corps of the U. S. Army on July 1, 1920; retired Dec. 31, 1939; died in the Veterans Administration Hospital in Brooklyn, June 28, aged 64, of bronchopneumonia and glioblastoma multiforme.

Wertheim, Leopold Leo, Philadelphia; Columbia University College of Physicians and Surgeons, New York City, 1905; member of the Medical Society of the State of New York; died in the Hospital of the University of Pennsylvania, April 6, aged 70, of myocardial infarction.

White, Charles Peyton, Birmingham, Ala.; Memphis (Tenn.) Hospital Medical College, 1910; died in the Carraway Methodist Hospital June 17, aged 78, of cerebral thrombosis and cerebral arteriosclerosis.

White, Edwin Clay ⊕ Kansas City, Mo.; Rush Medical College, Chicago, 1913; veteran of World War I; member of the state board of medical examiners; twice served terms as president of the medical staff at St. Joseph Hospital and was on the staff of St. Luke's Hospital when it opened; served as a staff member of the Kansas City General Hospital; associate editor of the *Weekly Bulletin of the Jackson County Medical Society;* died June 20, aged 68, of acute inflammation of the pancreas.

Wood, Maurice Tilghman ⊕ Eugene, Ore.; University of Oregon Medical School, Portland, 1940; died in San Francisco May 24, aged 46.

Yocum, Lincoln Abraham, Wooster, Ohio; Marion-Sims College of Medicine, St. Louis, 1895; for 21 years a member of the board of health; on the staff of the Wooster Community Hospital; died May 21, aged 89, of infirmities of age.

FOREIGN LETTERS

ISRAEL

Blood Lipid Levels.—Daniel Brunner reported at a meeting of the Jewish Medical Association in Tel Aviv in July that a fine opportunity exists in Israel for research on blood lipid levels among various communities, because, as a sequel to the enormous immigration, Jews from the western world mix with those who have immigrated from backward areas of North Africa, Iraq, and Yemen. All brought with them the characteristic life habits of the lands of their origin. Jews from the Ashkenazic community are distinguished by high morbidity and mortality rates due to myocardial infarction and arteriosclerosis, but practically no cases of myocardial infarction can be found among Jews from Africa and Asia, particularly in those from Yemen. Yemenites have a low blood cholesterol level (average, 148 mg. per 100 cc.), while the Ashkenazim have an average of 231 mg. per 100 cc. In order to determine the influence of age on the lipid levels, matched controls for 25 patients with myocardial infarction were observed. The difference was statistically significant. The cholesterol level in the group with arteriosclerosis was 299 mg. per 100 cc., and the phospholipid factor was 0.915. The corresponding values in the controls were 228 and 0.746. These values were identical with those of the Ashkenazic group in the previous study, although the average age of the Ashkenazim in this study was 53, compared with 44 in the earlier study. In the order of ascending levels were newly immigrated Yemenites, Arabs, older residents of Yemenite origin, Ashkenazim, and patients with myocardial infarction. In order to discover which lipid level curves might be pathognomonic, paper electrophoretic examinations were made. In every test the protein fractions of the phospholipids were determined as well as the lipoproteins. It was found that of 52 patients suffering from myocardial infarction in the age group 35-60, only 3 showed a value of β-cholesterol above 180 mg. per 100 cc.

Another survey was carried out on 20 men who regularly perform hard physical labor and who also take a high caloric diet that is rich in fats. Only three of them had a β-cholesterol level of more than 180 mg. per 100 cc. In a group of 15 young physicians with an average age (35) less than that of the laborers, only 3 had a β-cholesterol level less than 180 mg. per 100 cc. It may thus be assumed, from the electrophoretic readings at least, that the absolute amount of cholesterol bound to the β-lipoprotein is the most important value and that 180 mg. per 100 cc. approximates the border line between those who are likely to get myocardial infarction and those who are not. Of 52 patients with myocardial infarction, 24 had a total cholesterol level below 250 mg. per 100 cc. or within the normal range. A few of them even had a low total cholesterol level (about 210 mg. per 100 cc.), but, as they had a β-cholesterol level of above 90%, their β-cholesterol level was above 180 mg. per

JAPAN

Boric Acid Poisoning: Hundreds of Babies Die.—A large number of school children were recently stricken with a form of food poisoning. The cause was traced to a certain brand of dry milk, which was found to have a high bacterial count, mainly Micrococcus pyogenes var. aureus. In the milk-processing firm it was discovered that in the middle of the evaporating process the vats were idle for 24 hours because the current was shut off due to a shortage of electricity. To counteract the bacterial havoc, the firm had used boric acid as a bacteriostatic agent. As a result, hundreds of babies died. The responsible officials were brought to trial for homicide, and many damage suits were brought against the company.

Boycott on Milk.—Recently the housewives in a city staged a boycott because of the high price of milk. As a result the price was reduced to 14 cents a quart. As yet no uniform standards exist for grading milk. Much of the milk sold in Japan is partially skimmed, and some milk is being sold sweetened with sucrose.

SWITZERLAND

Conference on Malaria.—At an interregional conference on malaria held in Athens in June under the sponsorship of the World Health Organization, it was brought out that southern Europe, from Spain to Bulgaria, has achieved remarkable progress in reducing the incidence of malaria. Before the introduction of spraying of DDT, there were about 4 million cases of malaria a year in this area, but now the figure is less than 10,000. Progress has also been made in the eastern Mediterranean countries, a reservoir of malaria throughout the ages. About 100 million of some 170 million inhabitants of this region live in malarious areas. As late as 1949, about 40 million people regularly suffered attacks of malaria. Since malaria campaigns have been extended, this figure has been reduced to about 14 million. According to Dr. Paul Russell of the United States, the solving of administrative and financial problems is the key to success in eradication of malaria. In spite of the resistance to modern insecticides manifested by some of the malaria-carrying mosquitoes, an optimistic view was taken of the possibility of eliminating the disease, because resistance to insecticides in mosquitoes is becoming better understood. Prof. G. Macdonald of London stated that resistance in mosquitoes is inherited according to Mendelian laws. Although resistance to insecticides does occur, it is not as serious as originally was feared. No definite connection has been noted as yet between the development of resistance in the mosquito and the increase in cases of malaria. In regions where DDT and other insecticides of the chlorinated hydrocarbon group have lost their efficacy, success can be achieved, although for a shorter length of time, with insecticides of the chlordane group. Before World War II there were between 1 and 2 million cases of malaria in Greece annually, but in 1952 there were only 408 cases. This has permitted an increase in agricultural activity to the point that Greece is now a rice exporter instead of an importer and wheat production has been raised to a level that is almost sufficient for the country's needs. A similar situation exists in Italy, where malaria today is practically eradicated. The number of cases has dropped from about 400,000 in 1945 to 3 new cases of local origin last year.

Since last year, Iran, Iraq, Israel, Jordan, Lebanon, and Syria have initiated programs to eradicate malaria. Total eradication has already been achieved in Cyprus, but special difficulties exist in the eastern Mediterranean region that make international cooperation imperative. One of the most important is the result of the nomadic life of millions of people whose seasonal or annual migrations, often across national borders, expose them to malaria-carrying mosquitoes. In Iran, about 23% of the population are nomads. There are many others in Pakistan, Iraq, Syria, Lebanon, Jordan, and Saudi Arabia. Studying the habits of these wandering peoples in order to be able to protect them against the disease is an arduous business for the malaria worker. The conference asked that migrations and other mass population movements such as the Mecca pilgrimage be studied with a view to malaria control. WHO is coordinating the efforts of adjacent countries that are attempting malaria eradication.

The WHO Expert Committee on Malaria believes that eradication of malaria is the only rational policy to adopt. The sums required to achieve eradication within a definite time, although substantial, are much less than the cost of continued malaria control of a less intensive character on a long-term basis. Moreover, at present several international agencies, such as United Nations International Children's Emergency Fund, United Nations Technical Assistance, and the United States International Cooperation Administration, are ready to assist governments that

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The items in these letters are contributed by regular correspondents in the various foreign countries.

embark on such a program. The members of the committee, pooling experience gained in such widely separated areas as Taiwan, Italy, India, and Venezuela, recognized that one of the most urgent reasons for carrying out eradication of malaria with the least possible delay was the growing resistance of the mosquito carriers of malaria to modern insecticides. Other kinds of resistance could also be foreseen, including that of the public, which, finding insecticides less and less effective against other insect pests, would object to continued spraying of their living quarters. There was also the resistance of public officials to continued annual expenditures for such spraying.

Suicide Rate.—A study published by the World Health Organization (*Epidemiol. & Vital Statist. Rep.* 9:243, 1956) states that the proportion of deaths from suicide that have not been attributed to that cause, owing to failure to recognize it or reluctance to certify a death as suicide in view of the stigma attached to this act, should be kept in mind in interpreting statistics on the suicide rate. The highest reported rates in both sexes are seen in Japan, Denmark, Austria, and Switzerland, and the lowest were seen in Ireland, Northern Ireland, Chile, Scotland, and Spain. In the United States the rate for the white population is almost three times that of the nonwhite population. Because the crude death rates are influenced by the age composition of the population as well as by the actual incidence by age and sex, the age-specific death rates for each sex, as shown in the WHO study, are better suited for comparative purposes than the crude rates. In all of the countries included in the study the suicide rate was higher for men than for women. In men the highest suicide rate occurred in those over 70 and in women in those in the fifth and sixth decades. In the United States the peak rates occurred at a younger age in the nonwhite population than in the white population.

UNITED KINGDOM

Mental Hospitals.—In the House of Commons Dr. D. Johnson stated that 20,000 persons were put into mental hospitals against their will every year; of these, 17,000 are detained on what is known as a summary reception order for periods up to a year, solely on the opinion of two or three persons empowered to sign certificates. Dr. Johnson said that mental hospitals were overcrowded to the extent of 15.6%. This would not be so if more discrimination were exercised over admissions. This could be done by establishing observation wards in general hospitals, in which patients would be away from the atmosphere of mental illness. Under these conditions a patient might recover more rapidly and without the stigma of having been a patient in a mental hospital. Figures were quoted from London County Council records to the effect that 4,746 persons were admitted to observation wards in 1955, and, of these, 1,274, or nearly 25%, were discharged after a 17-day observation period and a further 25% transferred to mental hospitals as voluntary patients rather than under an order. Dr. Johnson said that the 25% discharged would probably not have left the hospital so quickly if they had gotten entangled in the mental hospital machine.

This statement was criticized by the secretary to the Ministry of Health. The substantial increase in the number of voluntary patients from 51% in 1946 to 75% in 1955 showed that there was a new outlook. In cases of emergency there had to be prompt removal of a patient, and that was what the summary reception order was for. Before the National Health Service in 1948, these patients were sent to public-assistance institutions, then known as mental asylums. But by 1955 there were 71 mental hospitals, 43 mixed hospitals, and 26 general hospitals to which persons could be compulsorily sent, and 24,470 patients were admitted to them. Of those sent to mental hospitals 82% remained, but only 25% were certified insane. There was no lack of sympathy with these patients. Domiciliary work by local authorities had been extended so that they would obtain early psychiatric treatment.

Wage Claim by Physicians Rejected.—Medical practitioners employed under the National Health Service and hospital medical staff have advanced a claim to the Minister of Health for increased pay. This was asked for owing to the rise in the cost of living, to which salaries were geared by the Spens Committee in 1948. The Minister of Health, Mr. Turton, has rejected the claim, stating that, under the present economic circumstances, with industry being asked to freeze wages and banks to restrict credit, he was not justified in considering any increase in remuneration for physicians. According to the recommendations of the Spens Committee, accepted by the government in 1946 and 1948, the remuneration of physicians in the health service should have been increased by 24% as of April 1, 1956. Physicians were enticed into the health service in 1948 by the terms offered by the Spens Committee, which was accepted by the government. The *British Medical Journal*, in commenting on the situation, says: "The Minister should at least recognize the legal force of a contract. Doctors coming unwillingly into the N. H. S. in 1948 because Parliament, Press and people bludgeoned them into it, nevertheless thought that the people through Parliament would keep their word. The Minister and Secretary of State for Scotland . . . say they do not accept the premises on which the memorandum is based. Does this mean that they repudiate the reports of the two Spens Committees?"

The negotiating committee acting for the physicians has made the following statement: "The doctors of the country will be astonished by the flat rejection of a claim which in justice and logic cannot seriously be challenged. The medical profession have borne without complaint the steady decline in the real value of their incomes during the past five years. . . . This year the profession were at last driven to request an adjustment. The Minister's curt dismissal of that request will shock the profession, and will be regarded as a poor recognition of the restraint they have shown. The claim in no way runs counter to the recent plea by the Chancellor of the Exchequer for a halt in new wage and salary claims, for the simple reason that the claim is merely one for the implementation of a contractual obligation already in existence and which has been so since 1948."

Headquarters for College of General Practitioners.—A large sum of money has been given to the College of General Practitioners to build a new headquarters in London to serve its 3,660 members and associates in Great Britain and overseas. The gift, which is anonymous, is from a layman. At present the college has its offices in Chelsea and hold its meetings in the hall of the Society of Apothecaries. The new site will be on the south side of Lincolns Inn Fields, adjacent to the Royal College of Surgeons, which has agreed to lease the college a site. The donor's generous financial support will cover not only the cost of construction of the building but part of its maintenance. The sum involved has not been mentioned, but is probably between $300,000 and $500,000. Three houses owned by the Royal College of Surgeons will have to be demolished before the new building is erected. The secretary of the College of General Practitioners, which was founded in 1952, described the building of the new headquarters as "a most important step towards the integration of British medicine and for the academic future of family doctors."

Blindness.—The Ministry of Health has issued a report on blindness in England, prepared by Prof. Arnold Sorsby (Blindness in England, 1951-1954, London, Her Majesty's Stationery Office, 1956). The major causes of blindness are the degenerative changes of old age. Cataract accounts for 26% of the total number of cases, senile macular lesions for 22%, and glaucoma for 14%. There was an increase in the total number of blind from 86,389 in 1952 to 93,622 in 1954, but practically the whole of this increase is confined to persons over 70 years old. There are more women than men among the aged blind. The commonest cause of blindness in the old is still cataract, and, although half the cases respond to treatment, 82% of those afflicted with it are not treated, chiefly because of fear or ignorance. A number of the aged also buy their glasses from the unqualified in stores, and the condition therefore often goes undiagnosed and untreated. The number of registered blind under 60 is decreasing, probably because treatment is sought more often by the younger age group. The reduced incidence of sympathetic ophthalmitis may be due to the use of cortisone. There has been a great increase in blindness in the very young, probably as a result of the increase in retrolental fibroplasia, which is the cause in over 50% of the blind children under a year old and in 25% of those aged 1 to 4 years. Now that the cause of retrolental fibroplasia is known and the oxygenation of premature babies has been drastically reduced, the disease should practically disappear.

CORRESPONDENCE

INTRABRONCHIAL BLEEDING

To the Editor:—I have read with interest an article in the June 9, 1956, issue of THE JOURNAL, page 525, entitled "Massive Hemorrhage Occuring During Bronchoscopy" by William K. Hamilton and Samuel H. Walker. Although I do not wish to indicate that any form of treatment could have guaranteed a favorable outcome in the case reported, I should like to report that I have recently successfully treated a patient with similar intrabronchial bleeding following bronchoscopic biopsy by packing the involved bronchus with a long strip of narrow gauze through the bronchoscope. It was necessary to maintain both the gauze and the bronchoscope in place for about one-half hour, during which time the bleeding ceased. The patient tolerated the procedure very well and experienced no respiratory embarrassment. Bleeding did not recur. The postoperative course was uncomplicated. This method has been successfully employed by others. I would like to suggest that it be used more often, as it is simple and effective.

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CONCENTRATED ERYTHROCYTES FOR TRANSFUSION

To the Editor:—Liber and Kramer, in their article "New Method of Preparing Concentrated Erythrocytes for Transfusion" (*J. A. M. A.* 161:862 [June 30] 1956), advocate centrifuging the inverted bottle of blood, thus transferring the red blood cell layer to the outlet end of the bottle, whereby the red blood cells can be given to the patient and the remaining plasma discarded, thus eliminating the dangerous method of aspirating the supernatant plasma from an upright bottle of blood, which is in common use today. Most centrifuges are not equipped with cups large enough to hold blood bottles; hence the adapter cup described, which prevents crushing of the bottle neck during centrifugation, is not likely to find wide use. An effective method that requires no unusual equipment, mentioned but not emphasized in the authors' article, consists of storing a supply of blood of assorted types with the bottles upside down, held in any suitable rack. Two such racks can be kept in the blood bank refrigerator, each rack selected to hold as many bottles of packed blood cells as the hospital finds it needs to keep on hand. When a new shipment of blood arrives from the collecting center, the "new" rack is filled and the red blood cells allowed to settle and, when this is complete, the bottles in the "old" rack are turned right-side up and used as whole blood; the label "old" is transferred to the recently sedimented bottles, and the "new" empty case awaits the next shipment. Thus a supply of fresh red blood cells is kept available for patients who need fresh blood cells most, and waste through expiration is minimized. A separate refrigerator, to avoid jarring of the sedimented red blood cells, is desirable but not necessary.

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MUMPS ORCHITIS TREATED WITH CORTISONE

To the Editor:—The most dreaded diseases associated with recruiting in armies from time immemorial have been measles and mumps. In World War II, due to the use of anti-infective drugs, the complications of measles were largely overcome, and mumps, because of its complications, became the most dreaded disease of recruits. Nothing that I have tried in the past for the relief of mumps orchitis has given the slightest benefit, except surgical relief of pressure. For that reason, I believe that the dramatic relief of pain and symptoms in mumps orchitis now achievable with cortisone should be made known. Patients with mumps rarely are hospitalized until after the orchitis has occurred, so that there is little chance for prophylaxis. In running a 500-bed mumps hospital in the military service several years ago, I found that suspending the scrotum in a well-fitting suspensory and preventing the patient from leaving his bed until all parotid swelling was gone markedly reduced the incidence of orchitis. It is a mistake to allow these patients up to go to the toilet. Estrogens were tried but were of no value. The one thing that seemed to be useful in saving these testes after orchitis had occurred was to slit the tunica vaginalis surgically and relieve the pressure that would otherwise cause atrophy. The procedure never became popular and was done too infrequently to be of real value in the approach to the problem.

About three years ago, I started adding cortisone therapy to the other supportive measures used in treating mumps orchitis. The drug was given by mouth with an initial dose of 300 mg. preferred, followed by 100 mg. every six to eight hours for two to four days. The results were dramatic. Pain disappeared in 6 to 12 hours as a rule, and the swelling was gone in two to four days. Cortisone is a valuable drug in treating mumps orchitis. Subjective relief and cessation of fever are obtained within a matter of hours, and objective relief within two to four days. It has replaced all other therapy in this hospital. Experience has shown that the initial dose should be at least 300 mg. by mouth, followed by 100 mg. at six-to-eight-hour intervals, depending on the size of the patient and the response obtained.

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ROENTGENOGRAPHY FOR RETROPERITONEAL TUMORS

To the Editor:—The paper of Evans and Poker entitled "Newer Roentgenographic Techniques in the Diagnosis of Retroperitoneal Tumors" (*J. A. M. A.* 161:1128 [July 21] 1956) perpetuates a number of fallacies regarding retroperitoneal pneumography requiring clarification. 1. The presacral route of injecting gases into the retroperitoneal space has not abolished the danger of gas embolism. Although only two deaths and one severe nonfatal reaction from use of this technique have been reported thus far, we have learned of 24 additional fatalities and 33 additional severe nonfatal reactions. This information was obtained in response to a questionnaire sent to more than 1,700 urologists throughout the United States. 2. Oxygen is no safer than air as far as the danger of gas embolism is concerned. Five of the 24 deaths we have gathered occurred in cases in which oxygen was used, certainly not proportionately less than those due to air, in consideration of the relative frequency with which these gases were used. This fact was well established by Harkins and Harmon in 1934 (*Proc. Soc. Exper. Biol. & Med.* 32:178) and by many others. Helium, if anything, is more dangerous than air or oxygen. Carbon dioxide is the only really safe gas. The safety of gases is proportional to their solubility. Carbon dioxide is 20 times more soluble than oxygen at body temperature. The safety of carbon dioxide has been dramatically demonstrated recently by the work of Durant, Stauffer, and Oppenheimer of Temple University, who have injected as much as 150 cc. of carbon dioxide intravenously in one second. The gas fills the chambers of the right side of the heart and acts as a contrast medium for cardiac roentgenography, yet no sign of gas embolism follows this procedure. The results of our survey and an analysis of the 58 deaths and 64 severe nonfatal reactions due to gas embolism resulting from retroperitoneal pneumography (presacral and flank routes) are to be published shortly in the *Journal of Urology*.

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MISCELLANY

This is the second part of a two-part article. The first part appeared in THE JOURNAL, *Sept. 15.*—ED.

SOCIAL IN-SECURITY—THE TRAP AWAITING THE YOUNG M.D.

DON'T MISDIAGNOSE THIS SOCIAL DISEASE, IT'S CATCHING!

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and
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In deciding what to buy, you want to know the price or cost and you want some idea of the use or value to you of the object being purchased. When what you are buying with dollars spent by you today is a promise to pay to you or your loved ones certain amounts of money in the future, you are likely to be interested in the integrity and solidarity of the person you are giving your money to.

If you must promise to pay or "lend" your money to someone over an extended period in the future in order to get future benefits from that person, you also want to know how much your payments will be and how long you will have to keep making them. You certainly will want to know that the person your today's money is going to will be able to pay his obligations to you or your loved ones in the future. You certainly will want to know what that person's future obligations to you and your family will be. If you have any sense at all, you will not give your today's dollars to someone when the very process of giving tends to make it more difficult for him ever to repay you. If, today, he, in turn, spends the money you give him and "covers" his debt to you with I. O. U.'s written to someone else guaranteeing future payment to that person, with interest, aren't you likely to be concerned about the future return of your dollars to you and your loved ones?

Suppose the person you are giving your today's dollars to cannot be a producer of income. His only source of income is taxation. Can he ever pay you or the other person with the I. O. U. back unless he first takes in the income from you and/or the other person by increasing your taxes or those of your children?

Let us see how we can judge the wisdom and the integrity of the "system" you have been asked to pay toward. The U. S. Department of Health, Education, and Welfare, in May, 1955, put out a booklet entitled "Your Social Security" to explain Old-Age and Survivors Insurance under the social security law. We quote from it: "The schedule of tax rates given above is designed to meet the future obligations of the program and keep it on a self-supporting basis." Wouldn't you think that these words would mean that the schedule of tax rates (the one mentioned early in part 1 of this article) is now set high enough so that the social security taxes you and others pay will cover all the expenses of the social security system, including benefits already promised? As you will see later, the statement going out to the American public and just quoted by us is a downright lie or it is in error.

Many of the proponents of social security have been claiming for years that the tax rate schedule was high enough to cover the future obligations of the program and keep it on a self-supporting basis. If their claim was valid, why was the schedule revised upward in 1954? Did someone goof? Or is this all part of a master scheme to increase the power of the government at the expense of the initiative of the individual? Wouldn't you more readily accept this plan if you thought that the tax rate schedule would remain fixed at its present (or, even better, at its old) level? Wouldn't you be happier about the system if you could count on its being truly self-supporting, so that it would never dictate the need for increases in other taxes? Many other Americans have taken the words quoted at face value. Apparently, not too many have learned yet that they have been hoaxed or, at least, misled.

Only a few months after the booklet just mentioned was distributed, the House of Representatives rushed the Cooper bill through by a huge majority. Public hearings were denied. You've guessed it! This bill would further raise the schedule just a few months after it was touted to the voters as being "designed to meet the future obligations of the program." Can you make plans for your retirement or family security intelligently with this kind of performance in the background?

Words can be potent tools for good or evil. "Federal Old-Age and Survivors Insurance Trust Fund" is a title loaded with words semantically designed to create confidence and an aura of respectability. In fact, we must admit that we would never have questioned what happens to the money entrusted to the government had we not heard a representative of the Social Security Administration outline the workings of the fund. Some things he said made us a little suspicious of what the Social Security Adminstration means by the words it uses. Since then, we have taken the time to dig out some facts that indicate the enormous dangers to all Americans, not just the physicians, in the social security program.

It is absolutely necessary for you to understand that the words so glibly and repetitively used by advocates of social security have been corrupted and distorted to the extent that they have no validity as employed. We will leave it to you to decide for yourself whether those using these words in such fashions are doing so through ignorance or in a deliberate attempt to propagandize our citizens—and us—into taking actions, or allowing actions to be taken, to further their purposes.

We cannot overemphasize your need to understand that social security is not insurance! If it is insurance you have contractual rights. These are enforceable in the courts. But in social security you have nothing but statutory rights to statutory benefits. You are left completely at the mercy of Congress; for it is Congress that, at any time, can change the amounts that you must pay in taxes, the benefits that may be paid you or your loved ones, or even the classifications of those who will be paid. In fact, Congress could decide that no benefits whatsoever will be paid. Your rights under title 2 of the Social Security Act are neither natural, constitutional, nor contractual. Have you ever read in the publications of the Social Security Administration or heard in the speeches of its officials the following reservation of power (sec. 1104): "The right to alter, amend, or repeal any provision of this act is hereby reserved to the Congress"? It is there and has been ever since the beginning of the act.

Once you are forced into the system, can you decide not to pay the tax because Congress votes changes you don't like in your benefits or eligibility or taxes? You cannot. This is a one-way street, pure and simple, and it does not go your way.

To understand the corruption of the term "insurance," you have to go back a bit. We quote from "Social Security After 18 Years," a report released in December, 1954, by the Committee on Ways and Means of the House of Representatives. "Insurance terms were first employed, and liberally so, in the Social Security Act when amended in 1939. The then Chairman of the Social Security Board urgently pressed for the inclusion of such terminology. The basic substance of the act, however, was not changed by the mere insertion of the word 'insurance'."

In 1937, the United States government, as defendant before the Supreme Court, stated in its brief: "The act cannot be said to constitute a plan for compulsory insurance within the accepted meaning of the term "insurance.'" In a press conference the next day, however, the former chairman of the Social Security Board announced, "The decisions handed down yesterday by the United States Supreme Court completely validate the unemployment compensation and Federal old-age insurance provisions of the Social Security Act." Not once in its decision did the Supreme Court refer to title 2 and title 8 as "insurance"!

From that time on, "various insurance terms were liberally employed in publicizing the program under title II. And by 1939, the reverse side of the social-security cards carried by individuals referred to the title II program as 'Federal old-age insurance.'" In a press conference in 1939, the former commissioner said: "Think of it! It is just as if you had written a group insurance policy, covering 45 million people." A 1940 Social Security Board publication observed, "The tax is a sort of premium on what might be called an insurance policy."

In 1944 the former commissioner testified before a congressional committee, "The result of that [1939 amendments], as I said, was to put into effect overnight about $50 billion face value of what is really life insurance." In 1948, a former Federal Security Administrator stated, "Old-age and survivors insurance and unemployment insurance are insurance." A publication of the Social Security Administration in 1951 reads, "Treat this card like an insurance policy." Another in 1952 says, "Your card is the symbol of your insurance policy under the Federal social-security law."

A 1955 booklet scatters the following insurance terms, among others, throughout its contents for the people to read: "becoming insured," "fully insured," "currently insured," "insured status," "insurance payments," "old-age insurance benefit," "beneficiary," "spouse of an insured worker," and "insured person."

Why should the proponents of social security want the American public to think of social security as insurance? Can you think of a better way to sell a paternalistic or socialistic scheme of compulsory taxation to a traditionally independent and democratic people than to make its title and terminology synonymous in the peoples' minds with insurance, one of our oldest and most honored institutions?

That their advertising, propagandizing, or educational campaign over all these years has been successful is attested to by the following facts and quotations:

1. "Many of the letters received from people throughout the country indicate clearly that their complaints arise from their belief that the program under title II of the Social Security Act is insurance" (From the House Committee on Ways and Means 1954 report).

2. "Members of Congress have also been misled. A committee minority report stated with respect to the proposed amendments (1939): 'It puts the Government in the position of changing the terms of a contract' " (same report).

3. "Some people in labor have also been misled. For example, in a recent article in the *Machinist's Monthly Journal* (International Association of Machinists, AFL) the author stated: 'I believe that OASI is insurance and that payroll deductions are the same as premiums and, further, feel strongly that there is a definite contractural relation between the individual and the Federal Government' " (same report).

4. In the 1956 edition of the "Family Success Book" published by *Changing Times*, the Kiplinger magazine, the section on social security begins with a statement that you carry an insurance policy around in your pocket, referring to the social security card. They do qualify the statement in the substance of the article and list some of the ways that social security differs from real insurance.

5. A post card poll of the members of the Massachusetts Medical Society showed a 68% response (4,554 out of 6,693 members) as of Dec. 9, 1955. Seventy-one per cent had voted for inclusion of physicians under social security. We have talked with several hundred physicians about this subject. Almost all who wanted to have compulsory inclusion of physicians in social security thought that it would provide them with wonderfully inexpensive life insurance. Most of those we have talked with were men below age 50. The *Newsletter* (Jan. 13, 1956) distributed to the members of the Massachusetts Medical Society remarks about this preliminary poll that "it was apparent that the younger men, particularly veterans of World War II (and this includes the vast majority of our membership), were more outspoken in their desire to be included under the Social Security program than the older men." Most of the younger men we have talked with have been told about "social security insurance" in such glowing terms that they intensely resented the older physicians' opposition to inclusion in what the younger men thought was an unbeatable opportunity to get insurance.

May we pause here for one moment? Before reading this article, had you thought of social security as insurance? Did the relation of it in your mind to insurance make it more acceptable to you? If you had accepted it, had you done so because someone told you it was "cheap insurance" or "better insurance than you can buy anywhere else"? Did you have access to the figures mentioned in the first part of this article, or was your acceptance on the basis of faith in the "insurance value" you had heard or read about? If the scheme had been titled "Compulsory Taxation on Your Earnings to Allow Past, Present, and Future Payments to Some Survivors of Those Who Could or Would Not Protect Themselves and to Those Who Are Not or Will Not Be Working Beyond a Certain Age—a Method of Paying Other Present Government Expenses with What Is Left over at Present—a Device to Pay for Your Generation's Improvidence by Writing I. O. U.'s That Your Children and Their Children Must Pay"—if the plan had had that title, would you have accepted it? Yet that is what it is. If you, one of the most highly educated men in society, had swallowed it, how about those whose trainings have not taught them not to accept things on faith or hope, as yours has done—wouldn't they be "naturals" for such propaganda? Ask your next 10 or 20 patients if they know whether there are any differences between social security and insurance. Ask them what the differences are. Then ask them if they like social security. Compare the number of those who say "yes" with the number who would vote for the plan more accurately labeled with our title. Can you see why the advocates of social security would be interested in this old propaganda technique?

We can assure you that social security is not insurance. You can have no idea what your future social security taxes will be or how long you will have to pay them. How many insurance policies of any kind have you bought or heard of where your premiums or the premium-paying period can be raised against your wishes at any time by the insurance company? You have no conceivable way of determining what your social security benefits will be. Do you know of any life insurance policies where the amount of the payments to your beneficiaries or the method of deriving the amount is not spelled out by contract? Do you know of any insurance company that can change the amounts owed in the future to the policy-holders in order to please the stockholders or the management? You cannot know what changes will be made in eligibility requirements or in criteria to determine who will or will not receive benefits under social security. Do you know of any life insurance companies where management can change or eliminate the beneficiaries of your policies against your will? Under social security, a change made against your will by Congress must be acceded to by you. You can't even quit and stop paying. With insurance, you can enforce your contractual rights in court, for one thing; and you certainly can terminate your premiums and your contract when you are displeased or when it is no longer of any use to you. You can see the importance of contractual rights!

American courts have consistently held that "insurance" involves a contract. Can't you imagine the round robin you could get into trying to "insure" against breach of faith on the part of the "insurer" if there were no contracts? The federal government has established several programs, such as national service life insurance, that truly constitute insurance. The Supreme Court has held that these true government insurance contracts cannot be abrogated by Congress. This decision, delivered by Justice Brandeis, said that "war-risk policies, being contracts, are property and create vested rights." But social security is not on this list, and it certainly is not insurance! There is no contract! There are no protecting guarantees!

Now back to integrity. Since you have no contractual rights, you can only have faith in the integrity of those administering social security and those setting up its provisions. With what we have said about the corruption of words, as just one example, just how much faith in administration do you have? We will say more about this later. How much faith do you have in the present Congress? In all future Congresses to come? They legislate the provisions. Can you be sure that they are as interested in your personal welfare and that of your family as you are? In order to write laws applying to millions, can they, even in good faith to you, a physician, legislate plans that will absolve you of your peculiar responsibilities to yourself and your dependents? Can they not, in bad faith to you, legislate you, with your small number of votes, into unfavorable situations to please the larger number of less hardworking and more improvident voters? Doctor draft is an example of what they can do.

To give you an idea of the solidarity of the "institution" you are being asked to join, let us explore the workings of what is pleasantly cloaked with the name "Federal Old-Age and Survivors Insurance Trust Fund." Again we are going to find that the propaganda mills have been working doctors' hours to put out a sugar-coated pill.

The Social Security Administration promises: "The social security taxes collected by the Internal Revenue Service are deposited in the Federal Old-Age and Survivors Insurance Trust Fund and are used to pay all the benefits and administrative expenses of the program. They may be used for no other purpose. The reserve portion of the trust fund—that is, the part not required for current disbursement—is invested in interest-bearing United States Government Securities" (From the social security booklet of May, 1955).

You hear talk about this "insurance trust fund" and how it protects you. Have you analyzed the real meaning of the words "The reserve portion of the trust fund—that is, the part not required for current disbursement—is invested in interest-bearing United States Government Securities"? This means that that portion of your today's social security tax dollar that is not immediately paid out for administrative expenses or to people already retired or collecting survivors' benefits is given by the government to the government in return for government bonds on which interest is to be paid into the "trust fund." This in turn means that the government promises to pay the government the interest and principal (redeem the bonds) in the future so that the government (social security) can pay promised benefits. When social security gives that part of your today's social security tax dollar not immediately spent by social security for today's benefits and administration to the government, what do you think happens to it? It is used for other government expenses!

Unless we plan to use the tanks and planes thus purchased to acquire other nations' wealth, there is no way that the money spent on them is going to come back to the government. Have you figured out a way to get your employees to pay you back their wages with interest? That part of your social security tax dollar going into government workers' salaries is gone—it certainly is not what many of our physician friends would call an investment. It isn't going to be earning money for them next year—or the next.

We have left out the main way the money can come back to government. Yes, by general taxation. You see the magic of social security now. Increased taxes. Unfortunately, you cannot escape the fact that the government is You!

Today, out of your right pocket you pay a lot of others who are not working and you pay for other of your "living expenses" with your social security tax dollars. To make yourself feel good, you write yourself out an I. O. U., which you put in your left pocket. Eventually you can't work and put money into your right pocket. So you reach over in your left pocket and take out the accumulated I. O. U.'s. You, who have been so interested in protecting your families before, now make a present of the I. O. U.'s to your children. You hope that they will be energetic and honest enough, and perhaps stupid enough, to take the I. O. U.'s over and put some money in your right pocket. And you hope their children will repeat the process in their turn, ad nauseum.

But if you have too large a meal before going to bed, a specter may ride in on nightmare and knock you around a bit. Suppose, some day, your children get sick of what you have done to them and tear up the I. O. U.'s?

Remember that there is only one possibility ahead if the future promises made to a noncritical public by politicians exceed our future productive capacity. The promises must be broken. Where the promises concern the economic means around which many must base their plans for family protection and their retirements, breach of faith can well be our great American tragedy.

Some ardent supporters of social security might say this is all much ado about nothing. Do you know what the promises already amount to? By 1954, the social security–accrued liability had reached the figure of 280 billion dollars. This was the amount the government would need to pay off the present social security commitments if the system were terminated and the promised benefits were paid when they fell due. The "trust fund" contains only 21 billion dollars—in I. O. U.'s from the government to the government. Which means that there is 21 billion dollars of future taxation, not counting the interest, which also can only be paid by increased taxes.

After two devastating wars, one other rather expensive one, and 20 years of the New Deal, we had managed to accumulate a government debt of 280.7 billion dollars at the end of 1955. In less than 20 years of social security, the government owed in connection with social security alone 280 + 21, or 301, billion dollars, or more of a debt than we have been able to build up in all other ways in the entire history of our country.

The interest on the national debt in 1954 was 4.6 billion dollars. The Jan. 23, 1956, issue of *Time* stated that the interest on the government debt is budgeted at 7 billion dollars.

Using the lower figure, we find that the interest on the national debt comes to about 7% of all federal expenditures. What was 7% of your total federal income tax this year? That will give you a rough idea of your payment toward the yearly interest charges on a federal debt of 280 billion dollars. What will you and your children be paying in taxes to cover the debt of the "trust fund" and the benefits already promised?

Government actuaries estimate that the Federal Old-Age and Survivors Insurance Trust Fund, under present tax collection schedules, will rise to 146.087 billion dollars by the year 2000 and to almost 500 billion by 2050, assuming demand on the fund is low. They believe it will rise to almost 63 billion dollars by 1990 if the demand is intermediate and that it will then shrink and be exhausted in 2027. If the demand is heavy, they estimate that it will be exhausted in 1995.

With Congress today romping through your and your children's future, how much do you now trust the "trust fund"? How secure do you feel about social security? Does it have the solidarity you would like in the custodian of your money? Do you think that the promise that the social security taxes collected may be used for no other purpose than the payment of benefits and the administration of the program has been or is being kept? Do you believe that the "investment" in "interest-bearing United States Government securities" is clever and cute or do you believe that it is mighty close to chicanery?

How much faith can you have in the advocates of social security? Well, for one thing, they originally promised that old age assistance would diminish as social security grew. Instead, the 1954 report of the House Committee on Ways and Means shows that old age assistance has increased by leaps and bounds. And this despite the fact that social security was going to replace the need for it.

They have tried to convince you that it is "wonderfully inexpensive insurance." Not one of the three words applies. Nor does "trust fund." Their record has not been one of integrity, nor have they established an institution of any solidarity.

They say that individual initiative might be stimulated if future hazards were lessened. Where does social security make any promise it can be sure of keeping? We think its very existence on such a dreadfully unsound financial and political basis constitutes one of the greatest hazards of our century.

They say private effort in the welfare field might well become less necessary if the aged were protected against penury. True, but while we are at it, let's protect everybody. Let's have a no-day work week. There are the old and the young. Is it right to promise the old that from this day forward the young will keep the old from want? Do we want to encourage today's young not to try to provide for their own old age by promising them that tomorrow's young will do the job for them? Would you, an honest man, do that? And if you would, who can guarantee that someone will be around tomorrow to force your commitments down the throats of tomorrow's young?

Although many may not realize it yet, the future social war of consequence will not be between capitalist and labor; it will be between the old and the young. It is a war that to a large extent is preventable. Our generation's desire to get a "secure old age" is not designed to keep us on friendly terms with tomorrow's young.

To give you an idea of what we mean, let us provide you with a few more figures. Since 1900 the population aged 65 and over has quadrupled, while the general population of the United States has doubled. In 1954 there were 13.6 million people over 65. In 1965 there will be 17.3 million. By 1980, one of every eight people will be 65 or over. Only 24% of the voters in 1900 were 50 or over; the percentage is now 37; in one generation at least 42% will be 50 or over. These people already do form a potent political block. Through their votes they can lead us into

mass national dishonesty, national bankruptcy, or into a revolt of youth, overburdened by taxes inflicted on them by the old. Let "social responsibility" replace "individual responsibility" and our country's prognosis is poor indeed.

Do you know how far we have gone down this road? You, as a young physician interested in providing financial protection for your family and in putting something aside for your old age, are forced into social security. About 70 cents of each dollar you contribute goes to pay benefits of those already eligible to receive them. At the end of 1952, there were 2,644,000 persons receiving benefits. These people will receive benefits of approximately 17 billion dollars for their own contribution of a little over one-third of a billion dollars, a ratio of benefits as compared to taxes of 48 to 1. You are helping make up the difference. Total benefits to some aged couples may add up to several hundred times the amounts they paid in taxes. Yes, you are making up the difference. Today, approximately 96 to 97% of the "pension" is a gift that you and the other taxpayers are making to the oldsters. You may be willing to do this with your money, instead of putting it to your own uses; but are you willing to gamble that, with social security and other tax rates, which may be enormously high in the future, tomorrow's youth will do the same for you? If you predicate your family and personal future security on tomorrow's youth, then, the day they decide to break promises they had no part in making, you and your family have lost your security.

Doesn't this entire scheme remind you of the "chain letter" fad? For those too young to remember the details of this amusing gimmick that was so popular with the same generation that dreamed up social security, let us give you the details. You get a letter with your name at the end of a list of, say, 11 names. You are asked to send one dollar to the person whose name is first on the list. The person sending you the letter has his name next to yours at the end of the list. You are asked to send similar letters to 10 people you can trust "not to break the chain." You are not to use the name of the person to whom you sent the dollar on any of the 10 letters you send. Instead, at the end of the list, now behind your name, you put on each letter you send the name of the person to whom you send it. You are told that, "if no one breaks the chain," by the time your name comes to the top of the list, only 10 letter steps in the future, great riches await you. It is true that "if the chain were not broken" you would get 10 billion dollars.

However, a lot of people lost small amounts of money—and a few who were smart enough to get in at the beginning and who put their names early in the list got plenty of money for nothing —or for one dollar if they were "honest." The craze swept the country; pictures showing grinning parents, frolicking children, great piles of envelopes and dollar bills, and harassed postmen appeared in the papers—and then, overnight, the craze fizzled and died. People in droves were "breaking the chain." You did not see pictures of all those—in fact, we cannot remember pictures of any—who had sent in their dollars, but never got to the top of the list.

We can look back at this with tolerance and smile at the get-rich-quick mob hysteria or mass faith that produced it. We, as diagnosticians (with hindsight), can say it was just a symptom of a social disease. It certainly was not very serious, because those who got nothing in return were not hurt badly. After all, the amounts contributed by any one person were small. But we can't go along with the similar social security scheme just for laughs. The amounts involved are too large.

Let us ask those who want us to join social security how their plan differs from the chain-letter concept. Well, it involves enormous amounts of money at the beginning and the time intervals are greater. Also, with government I. O. U.'s taking the place of some of the actual dollars, we can fool ourselves into thinking the picture is rosy a while longer. However, the only real difference is that element of compulsion. You can't break the chain. Nor can your children. But can't they? Take enough of their production from them in taxes and a breaking point will be reached. And when that day comes, a lot of older hope-happy contributors are going to see their plans for security for what they were, daydreams or nightmares.

The proponents of compulsory inclusion of physicians under social security say that the taxes will not be unbearable. We say that the burden of proof is on them. We are not under social security yet; prove to us that the social security taxes will not be unbearable. Don't just predict, don't just promise, give us a guarantee that will stand up in court. Of course, they cannot do this. They glibly soothe us by saying 8% of payroll is not unbearable. We believe we have shown that their promises are—well, what would you call them? Their predictions have been anything but accurate. Their guarantees are nonexistent.

Plenty of physicians we know think their taxes are high already (Epis Taxes—they bleed you through the nose). They want tax relief, not more taxes. Our study indicates that social security taxes are going to rise, that they will rise faster than the advocates of social security will admit, that the phony "trust fund," the already promised "benefits," the politically expedient trend toward ever greater promises, and the fact that social security is not on a pay-as-you-go basis all will add up to increased taxes in our future—and our children's. Suppose we are wrong. If you predicate your inaction (staying out of social security) on our error, you will only make an error of omission. If the proponents of social security are wrong and you predicate your action (going into social security) on their error, yours will be a far more costly error of commission.

Don't think for one moment that you can buy this program piecemeal. The first step toward compulsory inclusion of all physicians would be voluntary inclusion. The only reason that we, as individuals, are out of it now is that we, as a group, are self-employed physicians and as such are not eligible. Social security history is replete with tales of groups now under compulsory coverage that started with voluntary coverage. It's like syphilis; you have it or you don't. It's like being pregnant; you are or you are not.

The advocates say that at present 7.7 million beneficiaries receive only 5.7 billion dollars in benefits each year. They say that the current social security tax can provide 8 billion dollars per year. They admit that ultimate yearly benefit payments will be higher, but go on to say that so will social security taxes, reaching 8% of payroll by 1975. Perhaps this is supposed to be an answer to soothe you. We have indicated earlier that the likely answer is anything but soothing. By 1990, the estimated costs of benefit payments will be almost 20 billion dollars. Just one year's work of Congress (Cooper bill) will raise that figure by about 5 billion dollars.

We cannot overemphasize this next statement: social security is still young; the number of people working and contributing is relatively large in proportion to those already receiving benefits. We still are in the early heyday of the chain letter. But as time passes, the number of eligible people will rise. By present figuring, in the early 1980's, the cost of benefits will exceed the income from payroll social security taxes. At this time, so say the advocates, the trust fund will level off and its earnings will fill the gap between outgo and income without any further increase in social security tax rates.

We've already given you an idea of how much you can count on their adhering to the promised social security tax rate or tax base schedules. But examine their claim that the trust fund earnings will fill the gap. The earnings they so proudly mention are from interest payments on the government securities making up the trust fund. Why sure, you pay this interest through a rise in your other taxes. You remember the right and the left pocket maneuver.

If more money is promised to the beneficiaries in the future than is taken in from them, there are just three possible courses of action open to the government. It can raise the money as it comes due by increased taxes, it can abandon the program, or it can give the beneficiaries "phony money."

Some of you have seen the post-World War I German stamps with the astronomical figures printed on them. We doubt that a German doctor, whose entire life's savings could not have bought one of these postage stamps, looks upon inflation as a good way for government to "keep the faith." To give you a quantitative idea of what the "squeeze" of increased taxation and slow inflation means, let us put at your disposal a few more figures. Take the 15-year period 1939-1954. "Taxes" include federal income

and social security taxes for a married couple with two children. "Inflation" is the dollar's loss of purchasing power since 1939. "Net" is spendable income in 1939 dollars.

Today's Spendable Income in 1939 Dollars

1954 Gross Less Taxes Less Inflation=1954 Net	1939 Gross Less Taxes=1939 Net
$10,490—$ 1,478—$ 4,071=$ 4,941	$ 5,000—$ 59=$ 4,941
$22,340—$ 4,591—$ 8,018=$ 9,731	$10,000—$ 269=$ 9,731
$69,174—$26,724—$19,177=$23,273	$25,000—$1,727=$23,273

We believe that physicians with short earning years and relatively high gross incomes in these years have far more to lose than most other people from higher taxes and from inflation. We cannot see any way for social security to meet its present commitments, much less its almost certain greater ones, without a rise in taxes and/or inflation. Any doctor would be a fool to count on social security for his only old age or family planning. But mere participation in social security is likely to hinder or make impossible for him any other planning. It's not just bad medicine for the doctor, it's poison. He cannot raise his fees to keep up with inflation; the people will not stand for it. He puts off earning for many earlier years to get his education and training. If, when he begins his shorter-than-average earning life, he earns highly taxed dollars inflated in relation to the earlier years, he certainly cannot afford the luxury of a plan that encourages his own worst economic enemies, inflation and taxes!

One last argument we have heard from the social security supporters. This is the humanitarian one. They say that the purposes are so worthwhile that we, as doctors and humanitarians, should back them. They say that social responsibility is part of civilization and that it should increase. Unfortunately, in the history of civilization, social (or government, in their minds) responsibility has always been synonymous with individual irresponsibility. As the latter grows, economies and civilizations decline and die—or are killed.

Those who wish to be "humanitarians" actually have the greatest stakes in keeping social security sound. Unfortunately, the scheme they offer us is based on neither integrity nor soundness. For us, as physicians still lucky enough as a group to be out of it, it offers not security but increased taxation or inflation. It offers our savings to the spenders and the idle. With 55 million people paying 32 billion dollars in federal taxes this year, each taxpayer's fair share of the burden would be $582. How much more than this did you "contribute" already to your much more numerous brethren who didn't contribute enough in value to society-at-large to have the honor of being in the $582+ club? The self-employed physicians, as a group, have nothing to be ashamed of in relation to their dollar contribution to humanity at large. Certainly they do have every reason to be proud of the contribution of personal service that they make to society every day of the year.

When we see the "humanitarians," always so ready to give generously of the time, talent, training, energies, and incomes of others, making contributions of comparable value to society, then we will listen with more sympathetic, but not less critical ears, to their Utopia—you to pay!—schemes and dreams. After all, we are doctors; we've been trained to be critical of the claims of faddists and cultists. In this election year, we're going to have a lot of sifting to do.

As young physicians we see that we have much more to lose than our older colleagues by being forced into social security. We should be proud of and grateful to the older physicians who have resisted the temptation to hop on the "gravy train." We should be glad that many of them have not wished to make themselves secure at our expense. Can we do less for our colleagues of the future? We want to make medicine better by our scientific discoveries and our good records of service. It would be just as inconsistent for us to hurt medicine of the future as it would be to try to help our families by putting our money toward social security "family protection" rather than the much more solid and much less expensive insurance sold by private companies.

We certainly are not going to let our resentment about the "windfalls" that others are getting, partly at our and our children's expense, lead us into purchasing a plan that is personally expensive, that can be enormously expensive to each of us, and that we have little chance to benefit from in any way.

Social security for physicians is political pap, pure and simple. We, the younger physicians, are not so young that we cannot see that social security and social maturity are not the same things. Let us suggest to the American Medical Association that it immediately make for us a study of expenses of group insurance similar to the family income rider type mentioned in the first part of this article. We predict that the premiums would be even lower than those we have quoted. Group coverage of this sort would immediately make available to the very few of us who are uninsurable individually a method for family protection that would eliminate the need of social security for even our rare uninsurables.

We further suggest that the American Medical Association find what the yearly additions to the yearly premiums of this decreasing term life insurance would be for a small annuity of comparable value to that mentioned near the end of part 1 of this article.

We suggest that every young physician actively oppose inclusion of physicians under social security as soon as he hears that the American Medical Association is taking these steps. Personal letters or telegrams to your elected representatives in both the House of Representatives and the Senate should be written by every self-employed physician requesting his support of your views.

You have the authors' permission to quote from this article in such letters, if you so desire. We think you should look upon this time as one of your great opportunities to serve your country, your wonderful field, your families, and yourselves. If we, as a group, can show the people that we can do a better job of taking care of ourselves than they can do by delegating their responsibilities and opportunities to government, then we have won a magnificent battle in the never-ending fight for individual liberty and dignity.

1101 Beacon St. (46) (Dr. Webster).

COUNCIL ON MEDICAL EDUCATION AND HOSPITALS

POLICY RELATING TO APPROVAL OF RESIDENCY PROGRAMS IN OPHTHALMOLOGY

The Residency Review Committee for Ophthalmology, representing the Council on Medical Education and Hospitals and the American Board of Ophthalmology, at its last meeting adopted the following policy relative to the approval of residency programs in this specialty:

1. Effective July 1, 1957, only those hospitals which, either intramurally or through affiliation, are able to provide at least two years of clinical training in Ophthalmology will be considered for continued approval.

2. In the interim, no new applications for one year programs will be considered. Hospitals presently offering programs of one year's duration are encouraged to expand the training period to at least two years in order to qualify for continued approval after July 1, 1957.

This policy has been adopted to preclude the possibility of a resident taking his training in two or three isolated programs with no assurance of continuity of experience or progression of responsibility. Both the Council and the board have reviewed this policy and consider it educationally sound.

MEDICAL LITERATURE ABSTRACTS

NEUROLOGY & PSYCHIATRY

Cerebral Angiography in a Neurosurgical Service. S. Dimant, C. P. Moxon and N. A. Lewtas. Brit. M. J. 2:10-16 (July 7) 1956 [London, England].

Carotid angiography has become the main auxiliary method in the diagnosis of intracranial lesions. Its performance is not beyond the skill and facilities of many radiology departments. The elaboration of methods of isotope localization makes it essential to assess the value of angiography in a large series of patients presenting neurosurgical problems. Carotid angiograms performed in 1,007 patients during the period from January, 1950, to March, 1954, are reviewed with particular regard to the accuracy of the information obtained and the discomforts and complications that were engendered. Suspected cases of brain tumor should always be fully investigated by cerebral angiography. General anesthesia is ideal for both the patient's comfort and the radiologist's ease, except in cases of raised intracranial pressure in which a local analgesic is safer and except for outpatients for whom it is also preferable. The percutaneous technique is used exclusively. Age is not a limiting factor. Many admissions to a neurosurgical department for purely diagnostic purposes can be avoided by increasing the number of angiograms performed as an outpatient procedure. Both air encephalography and ventriculography, however, necessitate admission to a hospital. Angiographic diagnosis is made on the appearances of abnormal vessels, displacements of normal vessels, or a combination of both. The abnormalities are divided into two major groups: vascular disorders and space-occupying lesions. In vascular disorders, angiography facilitates the surgical approach to intracranial aneurysms and angiomas. In degenerative vascular disease, it may demonstrate thrombosis of major vessels, but its main value is in the exclusion of tumors in doubtful cases. It can provide an early, accurate, and safe diagnosis in emergencies, and that applies particularly to subarachnoid hemorrhage. It is a relatively safe procedure in brain tumors with high intracranial pressure. The benign may be distinguished from the malignant, and in the present series the pathological type of tumor was correctly diagnosed in 39%. Angiography has revealed the accurate situation in 74% of brain tumors and in a further 14% has indicated their presence. That compares well with the results of pneumoencephalography. In the remainder the use of ethyl odophenylundecylate and air as contrast mediums was necessary. The mortality of 0.2% has not involved any patient with raised intracranial pressure. Patients in whom the intracranial pressure is extremely high as a result of obstructive hydrocephalus and who are mistakenly investigated at first by angiography are in the authors' experience less disturbed by that and the ethyl odophenylundecylate ventriculogram that follows than by air ventriculography in the first instance alone.

PEDIATRICS

The Prognosis of Nephritis in Childhood. N. S. Clark. Arch. Dis. Childhood 31:156-160 (June) 1956 [London, England].

Clark presents the results of follow-up studies on 265 children with nephritis who were admitted to the Royal Aberdeen Hospital for Sick Children between 1934 and 1952. Twenty children (7.5%) died in the initial illness, but the mortality rate has fallen in recent years, largely owing to better control of infection. The mortality to be expected at present is in the neighborhood of 3%. The fate of 178 survivors from the initial illness has been assessed from 1 to 13 years after the onset of the nephritis, and 75% appear to have recovered completely. Conflicting views on the prognosis of nephritis are discussed. A reexamination of 34 patients with the use of Addis counts revealed no evidence of persistent renal damage in patients judged as healed on the strength of routine examination. No correlation was found between the initial clinical picture and the ultimate result in the individual patient.

Multiple Sclerosis in Children. N. L. Low and S. Carter. Pediatrics 18:24-30 (July) 1956 [Springfield, Ill.].

During the past year three children were seen at the Neurological Institute in New York in whom the diagnosis of multiple sclerosis seemed reasonably certain. Four additional patients are presented in whom that diagnosis was suspected. In the latter group years of observation will be required for confirmation of the diagnosis. The first patient, a 10-year-old girl, had episodes of tremor, paraplegia, aphasia, stupor, right hemiplegia, left hemiplegia, blindness, and vertigo with complete and partial remissions over a three-year period. The second case is that of an 8-year-old boy who had one episode of dysuria, pain and paresthesias in feet, and bilateral extensor toe signs; two months later he had a second episode consisting of ataxia, blurring of vision, and weakness in the left leg followed by marked improvement. The third child reported was a 6-year-old boy who had episodes of right and left hemiplegia, respectively, several months apart with full recovery from each of them. All other examinations were normal. Because blood was not found in the cerebrospinal fluid, it is very unlikely that the attacks were caused by trauma. The episodes of these three patients would be difficult to explain by any other diagnosis than multiple sclerosis. These children had already had remissions and exacerbations of manifestations relating to several parts of the central nervous system. The other four children had only one attack of a neurological condition suggestive of multiple sclerosis. These conditions were (1) neurological disease with pyramidal and cerebellar signs, with full recovery and no evidence of tremor or other disease; (2) cerebellar signs with two normal pneumoencephalograms and normal optic disks; (3) an acute disease affecting oculomotor function and causing a cellular reaction in the spinal fluid; and (4) an attack of retrobulbar neuritis without other abnormal findings.

Although it is true that multiple sclerosis is an uncommon disease in children, there are a number of undoubted and proved cases reported in the literature. The diagnosis cannot be made unless it is possible to demonstrate manifestations of more than one lesion in the central nervous system. The criterion of remission and exacerbation of the manifestations is also essential, but the disease may be suspected before an exacerbation has occurred after all other explanations for the clinical picture have been reasonably well excluded. Retrospective study of patients show that many years may elapse between the first and subsequent acute episodes. Without postmortem examinations, establishment of the diagnosis is based on clinical judgment alone and can often be challenged. Although the nature of the disease is such that children affected by it will seldom die before adulthood, multiple sclerosis in childhood has occasionally been confirmed by autopsy.

Poliomyelitis in a Family with Occurrence of Localized Paralysis After Inoculation with Combined Diphtheria, Pertussis, Tetanus Vaccine. F. A. Neva. Pediatrics 18:59-63 (July) 1956 [Springfield, Ill.].

The occurrence of paralytic poliomyelitis in three of five siblings shortly after injection with combined diphtheria-pertussis-tetanus (DPT) vaccine (alum precipitated) afforded an opportunity for laboratory and clinical observations of this unusual situation. Although each of the five children received an in-

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The place of publication of the periodicals appears in brackets preceding each abstract.

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jection of DPT, paralytic disease developed (within 2 weeks) in only three. The frequency with which three members of a household have been stricken with clinical poliomyelitis has been estimated by Siegel and Greenberg to be 0.2% of all households affected. This rate would undoubtedly be even lower if only paralytic cases were considered. There is some suggestion, therefore, that the DPT injections may actually have predisposed to the development of paralytic disease in the patients considered here. Severe trauma to the left arm 10 days prior to onset of paralytic symptoms may have been a further factor in the localization of paralysis in one of the patients. At any rate, paralysis of the left arm appeared first and most prominently during the first few days of illness. Another patient received DPT in the left buttock, and the left lower extremity was the only limb paralyzed. Residual paralysis in another sibling involved both lower extremities with almost total paralysis on the left, but the side of the DPT injection could not be recalled.

Although the association of antigen injection with subsequent paralytic disease was striking in three members of the family, the failure of paralytic disease to develop in two children who had also received DPT is of considerable interest. Large amounts of type-1 poliomyelitis virus were present in the stools of both nonparalyzed siblings, and, although no specimens of blood were obtained soon after injection, serums obtained later had high titers of neutralizing antibody to type-1 virus. These findings are rather good evidence that these two children were infected with poliomyelitis concurrently with their paralyzed siblings. One of the nonparalytic patients appeared to have had an abortive-type infection with minor symptoms, while another had completely inapparent infection. The fact that these two children received DPT vaccine and failed to develop paralytic illnesses suggests that recent antigen injection is not the sole or determining factor in the development of paralytic disease in persons who are harboring the poliomyelitis virus. The serial antibody studies indicate that both parents had previously been exposed to all three poliomyelitis virus types and were immune. The complement-fixing antibody response in the three paralyzed children is difficult to interpret, but is in keeping with previous studies reported on this subject. The decline or disappearance of complement-fixing antibodies after 32 weeks contrasts with the sustained high level of neutralizing antibody levels. The observations reported here give support to the practice of withholding or postponing injections of an elective nature if the patient has symptoms of a minor ailment. This would apply when there is reason to suspect that the minor ailment may represent infection with poliomyelitis. In the family cases of this report, however, the impending poliomyelitis could not be anticipated because the children were asymptomatic when DPT vaccine was given.

Acute Poisoning with Isoniazid Treated by Exchange Transfusion. B. E. Katz and M. W. Carver. Pediatrics **18**:72-76 (July) 1956 [Springfield, Ill.].

A case of acute isoniazid poisoning in a 19-month-old child is reported. Seizures and cyanosis persisted after the patient's stomach was lavaged and oxygen was administered. The patient was admitted to the hospital, where examination revealed a comatose, cyanotic, and apneic child having intermittent, generalized, tonic and clonic seizures more marked on the right than on the left side. The pulse rate varied from 80 to 104 per minute. The skin was flushed and cynanotic at intervals. The pupils were 4 mm. in diameter and responded to light. The neck was not resistant to flexion, and the cervical musculature was atonic. The heart tones were of normal quality, and no murmurs were heard. Blood pressure was 100/60 mm. Hg. The liver edge could be felt 1 cm. below the costal margin on the right side, and the tip of the spleen was palpable. Neurologically, there was a generalized hypertonia of the extremities during the periods between the seizures. The deep tendon reflexes were hyperactive. An exchange transfusion, exchanging approximately 73% of the child's blood, was performed by the method similar to that used for infants with hemolytic disease of the newborn. At the beginning of the procedure the pulse rate was 140 per minute and by the end of the procedure it had decreased to 90 per minute. By the time the exchange transfusion was completed (1 hour and 50 minutes), the child, who was breathing spontaneously and was awake, sat up on the edge of the operating table and cried for his mother.

The usual serum levels with dosages in the usual therapeutic range are 3.0 to 7.5 μgm. per milliliter. In the case presented, the amount of isoniazid ingested was approximately 83 mg. per kilogram. The serum level of isoniazid when the exchange was started was 38.6 μgm. per milliliter and at the end of the exchange 26.4 μgm. per milliliter. Eighteen hours after exchange transfusion the serum level was 7.8 μgm. per milliliter. These values may be inaccurate because of delay in their determination. However, it is possible that the dramatic improvement noted was associated with a critical level above which convulsions and respiratory depression occur and below which they disappear. The patient in this case suffered no complications and was discharged from the hospital five days after ingesting isoniazid. The pharamacological reports on isonicotinic acid hydrazide indicate that the drug is absorbed promptly from the gastrointestinal tract. Maximum concentrations may be attained in the plasma between one and six hours after administration. The procedure of exchange transfusion should be considered as a method of treatment of patients with acute drug poisoning. It would seem of special value in acute conditions in which the toxic agent is dangerous because of the effects of excessive blood level and in those in which there has been a single ingestion or exposure.

Cortisone in Treatment of Children with Chronic Asthma. M. C. S. Kennedy and D. C. Thursby-Pelham. Brit. M. J. **1**:1511-1515 (June 30) 1956 [London, England].

The main object of the studies described was to assess the value of the oral administration of cortisone in improving the ventilatory function of children with chronic "wheezy" chests. A further object was to compare the effect on the ventilatory function of such children of cortisone given by mouth and epinephrine given by inhalation. Twelve children attending an asthma clinic were selected for study. All had an impaired ventilatory function as judged from the expiratory flow rate test, which was carried out as a routine twice weekly, before and after an inhalation of epinephrine. The short-acting epinephrine given by inhalation increased the expiratory flow rate of the 12 children by an average of 13% (range of 0% to 29%). During treatment with cortisone by mouth (2.5 gm. over a period of five to six weeks), the mean expiratory flow rate of the 12 children was 13% higher than during a similar course of treatment with placebo tablets. In three children the mean expiratory flow rate during treatment with cortisone was more than 20% higher than during treatment with placebo tablets. The effect of cortisone, when given at a rate of 75 mg. daily, was slow to develop, reaching a peak between the second and fourth weeks of treatment and waning when the dose level was reduced to 50 mg. daily. The expiratory flow rate increased by an average of 28% in the 12 children when the oral administration of cortisone was combined with inhalations of epinephrine. This suggests that the combined effect of the two drugs is additive. No serious side-effects were encountered during cortisone therapy over short periods. However, until more is known of the long-term effect of cortisone on the adrenals, the advisability of prolonged treatment with cortisone seems questionable.

Massive Infection with Trichuris Trichiura in a Child. R. Gajardo and A. Atias. Rev. chil. pediat. **27**:121-122 (March) 1956 (In Spanish) [Santiago, Chile].

Massive infection with Trichuris trichiura in children is rare in Chile. A 5-year-old child from a rural region of the country was normal up to the age of 4½ years, except for his habit of eating earth. At the age of 4½ years, the patient began to lose his appetite and weight and to suffer from recurrent rectal prolapse. The feces contained a large number of worms. He developed a dysenteric diarrhea, progressive anemia, and cachexia. He was brought to the hospital with symptoms of acute intestinal obstruction. He was given antibiotics and a blood transfusion prior to an operation, during which an ileocecal intussusception, three intestinal perforations, and purulent peritonitis were observed. The patient died a few hours after the operation. No other lesion that could have been the cause of death was observed at autopsy.

The number of T. trichiura organisms in the colon was enormous. The principal lesions, consisting of acute erosion and acute cystic degeneration of the intestinal mucosa, were very similar to those caused by pellagra.

OTOLARYNGOLOGY

Gout as a Cause of Respiratory Obstruction. J. B. Cavenagh and J. E. Blundell-Williams. J. Laryng. & Otol. 70:365-370 (June) 1956 [London, England].

The patient was a 75-year-old farmer whose throat suddenly became very painful. Laryngeal embarrassment increased despite various treatments. Breathing was labored and noisy and was frequently interrupted by a choking cough as the accumulation of mucus and saliva tended to spill over into his glottis and trachea, owing to his inability to swallow because of the intense pain it produced. The left side of the neck in the thyroid region was extremely tender to touch. The mucosa of the pharynx was highly injected, and mirror examination of the glottis showed injection and edema of the epiglottis, aryepiglottic fold, and arytenoid region on the left side, which completely hid the vocal cord. The patient was hospitalized, because it was feared that tracheotomy might become necessary. He was nursed in a steam tent; atropine sulfate was given to reduce the salivation. This treatment was continued for the following two days, with a gradual improvement of symptoms. The patient was now able to swallow fluids without choking, and drip infusion was discontinued. The etiology of his trouble was not clear. A request of his, however, appeared to solve the problem. He asked for gout medicine prescribed by his doctor, as an attack was starting in his left big toe. Treatment with a mixture of sodium salicylate and Colchicum resulted in rapid improvement.

One is accustomed to associate acute edema of the glottis with a streptococcic infection, trauma due to scalding or chemical agents, or possibly angioneurotic edema. Various factors in this case did not fit in with any of these categories: the sudden onset without any previous malaise or history of injury, the intense injection of pharynx and edema of larynx, and the relative lack of response to penicillin. The extreme tenderness to touch and pain on swallowing would probably have been accompanied by high fever if due to a streptococcic infection, but here the temperature never rose above 100.2 F (37.9 C) and the pulse rate never went above 90 per minute. The gradual subsidence of signs and symptoms and termination in a typical attack of gout fits in with the description of earlier writers and appears to place the etiology of this case beyond doubt. The lesson to be learned from this case and from the scanty literature on the subject seems to be that the sudden onset of pain in the throat with dysphagia, especially if intense and associated with threatened respiratory obstruction, in an elderly subject, should prompt inquiries as to a past history of gout. If this proves to be the case, antigout therapy should be started immediately.

INDUSTRIAL MEDICINE

A Study of the Effects on the Lung of Industrial Exposure to Zirconium Dust. C. E. Reed. A. M. A. Arch. Indust. Health 13:578-580 (June) 1956 [Chicago].

Pulmonary granulomatosis was observed in a chemical engineer associated with the development of the process for purification and reduction of zirconium metal after seven years of intermittent contact with this metal. This occurrence prompted an investigation into the possibility that dusts and fumes encountered in the production of zirconium might produce a pulmonary granulomatosis. The relation of zirconium to silicon in the periodic table of elements was another reason for looking on this metal with some suspicion. In the production of zirconium, compounds in dust form are encountered as zirconium chloride ($ZrCl_4$) (which hydrolyzes to zirconyl chloride [$ZrOCl_2$], zirconium oxide (ZrO_2), and metallic zirconium. In addition, workers are exposed to low and nontoxic concentration of hydrochloric acid, chlorine, phosgene, and to small amounts of other oxides and chlorides of magnesium, aluminum, titanium, and hafnium.

Studies on guinea pigs that had been placed in cages as near as possible to the heaviest concentration of dusts and that were kept in this environment constantly for from two to six months showed no evidence of inflammatory reaction, granuloma formation, or fibrosis in the lungs of any of the animals. Twenty-two workers who had been exposed to the fumes of the process of the production of zirconium for periods of from one to five years were studied. No pulmonary granulomatosis was found. None of the workers presented findings similar to those in the engineer previously mentioned. Fifteen of the 22 men had no symptoms of lung disease. Two had mild bronchial asthma. Five men had chronic cough and sputum and had consulted a physician for chest symptoms. A diagnosis of chronic bronchitis had been made, and the findings of the present investigation confirmed this diagnosis. Three of those five men worked in the chlorination room and attributed their symptoms to chlorine fumes. The subsequent course of the engineer's illness and lymph-node biopsy indicated that he had sarcoidosis or chronic beryllium poisoning (he had been rather heavily exposed to beryllium seven years previously).

A Mild Outbreak of Tuberculosis in a Large Ontario Office. H. Kinsey and H. T. McClintock. Dis. Chest. 30:77-84 (July) 1956 [Chicago].

The authors report on an outbreak of tuberculosis in a group of 1,200 office employees. A patient with far-advanced tuberculosis had been discovered in this group in December, 1952. It was established that there had been contact for 11 months, and during the following 18 months 12 additional employees were discovered to have tuberculosis. In four, no relation with the earlier cases could be established. In two of these four patients it seemed likely that exposure had occurred from known outside sources, while in two it was impossible to determine any likely source of infection. The patients ranged in age from 21 to 36 years. Seven, including the original one, were men and six were women. The first patient had far-advanced disease; those subsequently discovered included one with moderately advanced tuberculosis, seven with minimal tuberculosis, and four with pleurisy and effusion. Since no additional tuberculous infections have appeared recently, it is felt that adequate control will be provided by making chest films of all new employees promptly and of known contacts at regular intervals and by continuing the original program of mass surveys at two-year intervals.

THERAPEUTICS

Treatment of Peripheral Circulatory Disturbances with Hydrogenated Alkaloids of Ergot of Rye. R. G. Zozoya. Presse Méd. 64:1086-1087 (June 13) 1956 (In French) [Paris, France].

In 1943, Stoll and Hofmann extracted three new alkaloids from ergot of rye; their hydrogenated derivatives are dihydroergocristine, dihydroergocornine, and dihydroergokriptine. All three have an intense sympatholytic action and an important vasodilating effect. Hydergine, which is a mixture of three equal parts of these drugs, has a therapeutic action in circulatory diseases of the limbs, exercising a peripheral vasodilating effect through the intermediation of the vasomotor center and a latent adrenosympatholytic effect on the cell receptors that becomes apparent when a surcharge of adrenaline or noradrenaline is produced. Hydergine was used in treating patients with organic or functional circulatory disturbances of the limbs, such as arteriosclerosis obliterans, Buerger's disease, arterial embolism, thrombophlebitis, thromboangiitis obliterans, scalenus syndrome, and chilblains. The results obtained show that Hydergine has an intense vasodilating action, when the dosage is adapted to the individual and is carefully controlled, and a sedative effect on pain that makes the use of opiates and barbiturates unnecessary. It shortens the preoperative and postoperative course when surgical treatment is required and enhances the effect of sympathectomy. It also constitutes effective maintenance therapy and eliminates the need for repeated anesthetic blocks.

BOOK REVIEWS

Roentgen Interpretation of Fractures and Dislocations. By Joseph Levitin, M.D., Chief, Department of Radiology, Mount Zion Hospital, San Francisco, and Ben Colloff, M.D., Associate Chief, Department of Orthopedic Surgery, Mount Zion Hospital, San Francisco. Cloth. $7.75. Pp. 265, with 258 illustrations. Charles C Thomas, Publisher, 301–327 E. Lawrence Ave., Springfield, Ill.; Blackwell Scientific Publications, Ltd., 24-25 Broad St., Oxford, England; Ryerson Press, 299 Queen St., W., Toronto 2B, Canada, 1956.

The purpose of this book is to describe the positions that bones usually assume when they are fractured or dislocated and to tell what constitutes acceptable satisfactory reduction, whether motion can be permitted, and the status of healing. The authors have accomplished their objectives most satisfactorily by the use of line drawings rather than reproductions of roentgenograms and by the brief but adequate descriptions that accompany the diagnostic illustrations. An appendix containing bone age charts and information about common appliances used in internal fracture fixation enhances the value of the volume. The bibliography is adequate, and the index is good. This book should be of value not only to the roentgenologist and general practitioner but also to the student and resident.

Cancer: A Manual for Practitioners. Third edition. Cloth. Pp. 321. American Cancer Society (Massachusetts Division), Inc., 462 Boylston St., Boston 16, 1956.

The first edition of this book was published in 1940 at the request of the Massachusetts Department of Public Health and the American Cancer Society; a second edition appeared in 1950 under the auspices of the Massachusetts Division of the American Cancer Society. Both editions were distributed widely to physicians, medical students, public libraries, and cancer agencies. In the current edition all the chapters have been revised and several new ones added. About half of the book deals with specific organs and the remainder with general aspects of the cancer problem; specific neoplastic diseases, such as Hodgkin's disease and the leukemias; and special diagnostic and therapeutic procedures. Four chapters are devoted to cancer control activities. This compact volume endeavors to inform the general practitioner not only on the practical aspects of early diagnosis and treatment but also on the progress of cancer work generally and the broad aspects of cancer control. The authors of the various chapters are well known in their special fields and have succeeded admirably in presenting their subjects briefly and clearly. The material is well arranged and integrated. The volume does not lend itself to a review of the many controversial phases of the cancer problem. An excellent service has been performed in the preparation of this practical manual, and a significant contribution has been made to the program of cancer control.

The Drug Addict as a Patient. By Marie Nyswander, M.D., Senior Supervising Psychiatrist, Post Graduate Center for Psychotherapy, New York. Cloth. $4.50. Pp. 179. Grune & Stratton, Inc., 381 Fourth Ave., New York 16; 91 Great Russell St., London, W.C.1, England, 1956.

As an outgrowth of the Harrison Narcotic Act of 1914, the drug addict has been forced into an unwanted alliance with the underworld and the physician who undertakes to treat him is in danger of losing his license to practice and of being imprisoned. The author of this forthright book not only gives a clear and concise discussion of the pharmacology of habit-forming drugs but also goes straight to the root of the problem of drug addiction. There are chapters on the physiological effects of narcotics, the psychological make-up of the addict, social pathology as related to drug addiction, and the diagnosis of addiction, with treatment and rehabilitation of the addict. The subject is of great importance to physicians, because they have been excluded from the treatment of a tragic disease and their efforts are necessary if they are to regain their logical place in the treatment of this condition. In no other country has failure to understand the problem of drug addiction led to so vicious a situation as that now found in the United States, where, if appropriate steps are not taken, matters will grow worse. An addict's glossary is given as an appendix, and an index is included. This book is highly recommended as a source of general information and because it presents a viewpoint not widely held on a subject that is almost universally misunderstood in the United States.

Foundations of Nutrition. By Clara Mae Taylor, Ph.D., Professor of Nutrition, Teachers College, Columbia University, New York; Grace MacLeod, Ph.D.; and the late Mary Swartz Rose. First, second, and third editions under present title and fourth edition under title "Rose's Foundations of Nutrition." Fifth edition. Cloth. $6. Pp. 620, with 128 illustrations. The Macmillan Company, 60 Fifth Ave., New York 11, 1956.

This book was first published in 1927 by Dr. Mary Swartz Rose and underwent three revisions before she died in 1941. It has now been revised by Drs. Taylor and MacLeod. Though the outline of the book has been altered very little, all the material has been brought up-to-date. The first half deals with the essentials of an adequate diet, including energy, protein, mineral elements, vitamins, and water. Chapters 19 through 24 cover contributions made by various types of food materials to the diet. Dr. Rose early introduced this approach to a study of nutrition, and as we learn more of nutrition this information becomes more and more valuable. The remainder of the book deals with adequate diets for adults, pregnant and lactating women, and children. In this discussion the unit "share" is still used in the text and is related to 100 calories of energy or $\frac{1}{12}$ of the daily allowance of each nutrient. The appendix includes extensive tables on nutritional requirements and nutritive values of foods expressed both in shares and in weights. All those who have relied on Dr. Rose's textbook for teaching and research and many others interested in nutrition will welcome this excellent revised edition.

The Structure and Function of Skin. By William Montagna. Cloth. $8.80. Pp. 356, with illustrations. Academic Press, Inc., 125 E. 23rd St., New York 10, 1956.

Although the author states in his introduction that it is not possible to gather into one small volume all the information pertaining to the structure of the skin, his book comes close to accomplishing this. It does so in a manner that should interest not only the dermatologist, anatomist, and biologist but also the student and inquisitive practitioner. The presentation is that of a gifted teacher: interesting, lucid, authoritative, and orderly, showing clearly how function knits together all structures. General gross anatomy is discussed in the first chapter. The next six chapters are devoted to such structures as the epidermis, dermis, sweat glands, and pilar system. The final chapter deals more with speculative ideas than with facts. The chapter on the pilar system deserves particular notice. With the aid of pictures and diagrams, this difficult and little understood subject is clearly and ably presented. A bibliography is included at the end of each chapter, and in the introduction there is a list of standard works recommended for reference. Controversial subjects, such as the nature of the basement membrane, tonofibrils, intercellular bridges, and the origin of keratinization, are discussed fully. Although the proofreading might have been more careful, the book merits the highest recommendation.

Modern Actinotherapy: A Review of the Literature, Giving an Outline of Indications and Technique. Compiled by Raymond H. Beckett, B.A. With preface by Francis Bach, M.A., D.M., D.Phys.Med. Cloth. 17s.6d. Pp. 161, with 25 illustrations. William Heinemann, Ltd., 99 Great Russell St., London, W.C.1, England, 1955.

This textbook presents as comprehensive a review of the literature on the medical use of ultraviolet light as is possible in 151 pages. However, the review of the literature is, unfortunately, not so critical as might be desired. The description of the application of ultraviolet light consists of material long known, especially to dermatologists. Much other material is included from the past regarding the application of ultraviolet light, on a rather empirical basis, in conditions that for many years have been much more effectively treated by other means and in conditions for which it is of no specific value.

These book reviews have been prepared by competent authorities but do not represent the opinions of any medical or other organization unless specifically so stated.

QUERIES AND MINOR NOTES

SALK VACCINE OR GAMMA GLOBULIN

To the Editor:—*If a member of a household is given a diagnosis of acute poliomyelitis, should the other members of the household (children and adults) be given the Salk vaccine at once if there has been no previous Salk immunization, or should gamma globulin be used? If the vaccine is given to unimmunized children or adults in the presence of active poliomyelitis in the household, is there likelihood of any harm being done, that is, reduction of any native resistance?*

Jackson Herbert, M.D., Portsmouth, Ohio.

Answer.—In the circumstances described, each of the preparations must be considered separately. Although gamma globulin has been used in epidemic areas with effectiveness, the consensus seems to be that it is of limited value in household members because about 90% of cases that occur in household contacts occur so soon after the index case that gamma globulin cannot be expected to be effective. This would also be true for vaccine. Others are of the opinion that gamma globulin should be used to protect the 10% in whom the incubation period after the index case is sufficiently long so that it might be effective. The time of beginning effectiveness of vaccination is longer than after gamma globulin because of the time required for development of antibody. If vaccine is given, under these circumstances, it should be considered to be for future exposure and not for the one that has just occurred. From evidence accumulated in the course of administering vaccine in the midst of epidemics, no evidence has emerged to indicate that a provocative effect has been induced.

FAMILY'S CONTACT WITH TUBERCULOUS FRIEND

To the Editor:—*A fellow physician and close friend of my family discovered within the past month that he has an open active case of early minimal tuberculosis. He has gone to the sanatorium. Tuberculin tests of myself and family are positive for my wife and me as well as for two of our children, aged 6 and 8. Our two youngest children had negative tests. Roentgenograms of all are negative. I would like to know if our children should receive treatment on the basis of a positive skin test. My wife has been a positive reactor for years, I presume, since a test done when she was in nursing was positive. I have had a patch test once or twice in the past and have always interpreted it as negative. The above skin tests done recently were intracutaneous ones with first and then second strength purified protein derivative. We are in our 30's. Can we expect our tests to remain positive?*

M.D., Oklahoma.

Answer.—Unless your two children, aged 6 and 8, have been tested with tuberculin periodically and are known to have become positive reactors recently, there probably would be no reason for administering antituberculosis drugs. The primary lesions they have apparently are too small or do not have consistency to cast visible shadows on chest x-ray films. Moreover, only 75% of the lung is visualized on usual films of the chest. Futhermore, 10 to 15% of lesions are extrathoracically located. Unless testing has been done periodically, there is the possibility that the two children have been infected sufficiently long that the lesions have lost their blood supply and therefore drugs administered now could not enter so as to come in contact with the tubercle bacilli. This would also apply to your wife's lesions and probably to yours, if periodic testing has not been done recently.

If the two younger children do not react to tuberculin within about eight weeks after the last contact with your fellow physician, chances are strong that they were not invaded with tubercle bacilli, since most invasions result in sensitivity of the skin to tuberculin within eight weeks. If they should be found to react at that time, antimicrobial drug administration might be considered. A number of studies are now in progress to determine whether treatment of patients whose tuberculin reaction has recently become positive with antituberculosis drugs is efficacious. If all tubercle bacilli are reached by the drugs while the lesions are still vascular and if they are destroyed, one might expect the sensitivity of the tissues to disappear. In fact, this has already been reported in a few cases, but it still is not known whether the tubercle bacilli are dead.

Evidence has accrued to show that tubercle bacilli may be so suppressed by antituberculosis drugs that for a time they cannot be grown in culture medium or guinea pigs. At first, this seemed good evidence that the organisms were dead. However, when cultures have been retained for some months, in a sizable number bacilli have begun to multiply and produce colonies. This has not occurred in all cultures, and there is still hope that in some cases all bacilli have been destroyed. There is considerable likelihood that the members of your family who now react to tuberculin will continue to do so. However, there would be no harm in retesting about once in three years, inasmuch as there is evidence that in some persons all tubercle bacilli die and sensitivity of the individual's tissue disappears. It is not yet known how frequently this occurs.

TREATMENT OF SUBACUTE BACTERIAL ENDOCARDITIS

To the Editor:—*Which penicillin preparation will give the highest and most sustained blood levels with a minimum of discomfort to a patient with subacute bacterial endocarditis? Subcutaneous administration of a soluble penicillin preparation is being considered as a better method than intravenous administration.*

M.D., California.

Answer.—Subacute bacterial endocarditis is most often caused by organisms sensitive to penicillin. However, it is absolutely imperative that a sufficient number of blood cultures be obtained prior to the initiation of treatment, so that the responsible organism will be available for identification and testing for sensitivity to all of the available antibiotic agents. This is one disease in which sensitivity testing is an absolute indication. If the organism is highly sensitive to penicillin, 1 million units of crystalline benzathine penicillin G dissolved in isotonic sodium chloride solution given intramuscularly every six hours for a minimum of four weeks is usually adequate treatment. Rarely, however, relapse may occur. Some patients with subacute bacterial endocarditis have been cured by the injection of 1 to 2 million units of procaine penicillin given in two doses per 24 hours for four weeks. Subcutaneous administration of penicillin has been used in the treatment of subacute bacterial endocarditis. Constant subcutaneous drip can be arranged by dissolving 4 million units of crystalline benzathine penicillin G (the manufacturer makes no difference—any one of the preparations passed by the U. S. Food and Drug Administration is good) in 1,000 cc. of isotonic sodium chloride solution and allowing the solution to drip through a hypodermoclysis needle inserted under the skin. A tunnel clamp is very helpful in producing a regular rate of drip.

For organisms moderately sensitive to penicillin, the dosage of the antibiotic may be increased to 10 million or more units per day. In some cases, where very high blood levels must be attained, administration of probenecid (Benemid), in a dose of 0.5 gm. every six hours, is very helpful in producing the desired concentration of drug in the blood. Most recently, cases of subacute bacterial endocarditis have been treated with penicillin given orally. This method should be used only when the responsible organisms are highly sensitive to penicillin. The drug of choice appears to be penicillin V and the dose, 1 million units every two hours; no attention need be paid to meals when this preparation is used. Some people still prefer to treat by

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The answers here published have been prepared by competent authorities. They do not, however, represent the opinions of any medical or other organization unless specifically so stated in the reply. Anonymous communications and queries on postal cards cannot be answered. Every letter must contain the writer's name and address, but these will be omitted on request.

intramuscular injection of penicillin for the first two weeks, and then give penicillin V in the above dose orally for another two to four weeks. There is an increasing number of cases of subacute bacterial endocarditis due to organisms not sensitive to penicillin. Some strains are sensitive to a combination of penicillin and streptomycin; the doses of these drugs useful in these instances are 2 million units of penicillin plus 0.5 gm. of streptomycin, given intramuscularly every six hours for four to six weeks. In every instance where the causative organisms are not sensitive to penicillin, they must be examined for sensitivity to other antibiotics and the drug used to which the organisms are the most sensitive; the doses employed should be maximal and the period of therapy no less than four to six weeks.

RICINOLEATED ANTIGENS

To the Editor:—*Please inform me briefly relative to the means of preparation, the value, and the manner of administration of ricinoleated antigens.* *M.D., California.*

Answer.—The use of soaps as detoxicating agents was proposed by the late W. P. Larson, and investigations in his laboratory continued for nearly a decade, beginning in 1919. The basis for the action was the reduction of the surface tension of the medium. During this time it was reported that sodium ricinoleate was the best soap for this purpose and that, when it was used in amounts from 0.1 to 2% in final dilutions, it would detoxicate certain bacteria and certain toxins, but without impairing their antigenic properties. Thus, final dilutions of sodium ricinoleate of 0.1% would kill pneumococci and in final dilution of 0.5% would kill the streptococci of scarlet fever in about five minutes. After this destruction, no growth would ensue, but, when the micro-organisms thus treated were injected into animals, immune bodies developed. Tubercle bacilli became nonpathogenic when the culture medium was reduced to 44 dynes. It was demonstrated that tetanus and diphtheria toxins also were detoxicated by sodium ricinoleate. In an article by Larson and Eder (*J. A. M. A.* 86:998 [April 3] 1926), it was claimed that injections, ranging from L+ 0.125 to 0.25, of diphtheria toxin that had been detoxicated with a 1% solution of sodium ricinoleate would, in a single injection, produce immunity comparable to that conferred by other toxin-antitoxin mixtures of that day. These authors did not believe multiple injections enhanced the immunity produced by a single dose. The exact details of the preparation of the detoxicated solutions were never revealed, although it is evident the preparation consisted of simple mixtures of toxins and soaps. The process formed the basis of litigation some years ago, and these ricinoleated antigens never enjoyed commercial exploitation. There is no evidence that any are marketed today.

POSTPARTUM HEMORRHAGE

To the Editor:—*Does early ambulation cause postpartum hemorrhage?* *M.D., California.*

Answer.—There is no evidence at all that early ambulation causes postpartum hemorrhage. Most obstetric patients may safely be permitted out of bed the day after delivery or cesarean section. However, patients who have had hemorrhage or any other complication should be kept in bed for several days.

INFECTIOUS OBSTETRIC CASES

To the Editor:—*I would like to know the recommendations governing the care and placement of obstetric patients with infectious cases. Is there a definite ruling in writing? We have no definite section designated for infectious cases on our obstetric floor, and some laymen in our community are concerned that an obstetric infection may be transferred from the obstetric floor to another floor.* *M.D., Pennsylvania.*

Answer.—Proper provision for the isolation of the obstetric patient who develops an infection is a necessary provision in every maternity section. Such an individual is better moved out of the section of the hospital housing "clean" mothers into a private room where strict isolation procedure can be maintained. This relieves the nursing personnel in the maternity section from the added responsibility of caring for an infected mother in a clean environment. The American Committee on Maternal Welfare is in the process of establishing standards for obstetrics in which this and other problems will be considered. In many urban communities health authorities in charge of hospital regulations have developed specific rules for such problems.

BRUCELLOSIS AND BLOOD TRANSFUSIONS

To the Editor:—*In* Public Health Reports, *May, 1956, the following statement appears on page 511 in the article entitled "Trends in Brucellosis Control": "Although the tissues of these persons are invaded, clinical signs and symptoms arise in remarkably fewer persons than the number actually infected." To what extent do these asymptomatic cases constitute a problem in blood transfusions?* *M.D., Washington, D. C.*

Answer.—There has been no authentic instance in the United States of brucellosis being transmitted to a human being through a blood transfusion in which the donor was an asymptomatic carrier of Brucella. In the United States, most brucellosis is due to infection with Br. abortus, in which case the disease is relatively mild and the bacteremia is of a low order. However, in some areas in the world where Br. melitensis is more of a problem, the disease has apparently been transmitted through the use of blood transfusions. This is probably due in part to the fact that Br. melitensis is more highly invasive and bacteremia is more likely to occur. But even under these circumstances, the number of Brucella organisms in the blood stream is relatively small.

SALT IN THE DIET

To the Editor:—*Please give information, or references, concerning the percentage of sodium in the average American diet (i. e., that added in cooking and baking).*

Frank Senska, M.D., Iowa City, Iowa.

Answer.—The average daily intake of sodium of normal adults living in the United States is estimated to be from 3 to 6 gm. This amount includes the sodium naturally present in foods and that which is added to foods in the form of salt and other sodium compounds (Sodium Restricted Diets, Publication 325, Division of Biology and Agriculture, National Research Council, 1954). In "Present Knowledge in Nutrition" (ed. 2, New York, the Nutrition Foundation, Inc., 1956) it is stated that the average daily intake of salt is from 10 to 15 gm. Therefore, the intake of sodium from salt added to foods would range from 4 to 6 gm.

CONGENITAL ATRESIA OF EXTERNAL EAR

To the Editor:—*A 17-year-old girl has a congenital occlusion of an ear. She has never had an operation on this ear down to the eardrum. Will she lose the hearing in that ear from nonuse, or will it be all right if she has an operation in a year or two?*

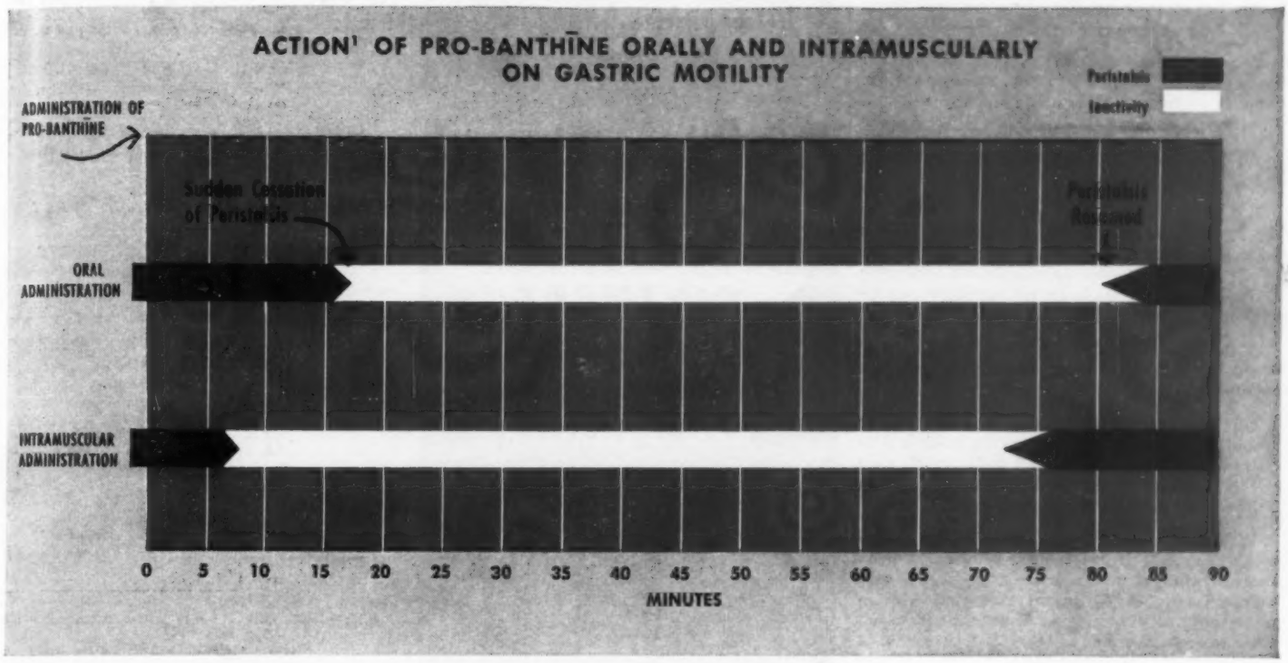
G. L. Lester, M.D., Chautauqua, N. Y.

Answer.—Congenital atresia of the external auditory meatus is usually associated with a normally formed and functioning cochlea in the inner ear. Surgical correction to establish a patent meatus with creation of a substitute tympanic membrane is a satisfactory surgical procedure, which results in a partial restoration of the hearing. So far as is known, the hearing nerve does not deteriorate from disuse, so that there is no urgency about such an operation.

RUBELLA AND PREGNANCY

To the Editor:—*A patient who, according to her dates, is three months and five days pregnant from conception has rubella. What is the consensus of opinion as to the therapy for this patient, and is administration of gamma globulin of any value?* *M.D., Oklahoma.*

Answer.—This patient was more than 13 weeks pregnant when she contracted rubella. This is slightly beyond the period when rubella generally affects the embryo. Since the chances of any fetal harm are slight after three months, this pregnancy may be permitted to continue. Gamma globulin should be given to the patient, because it will do her no harm and it may be helpful to the fetus.

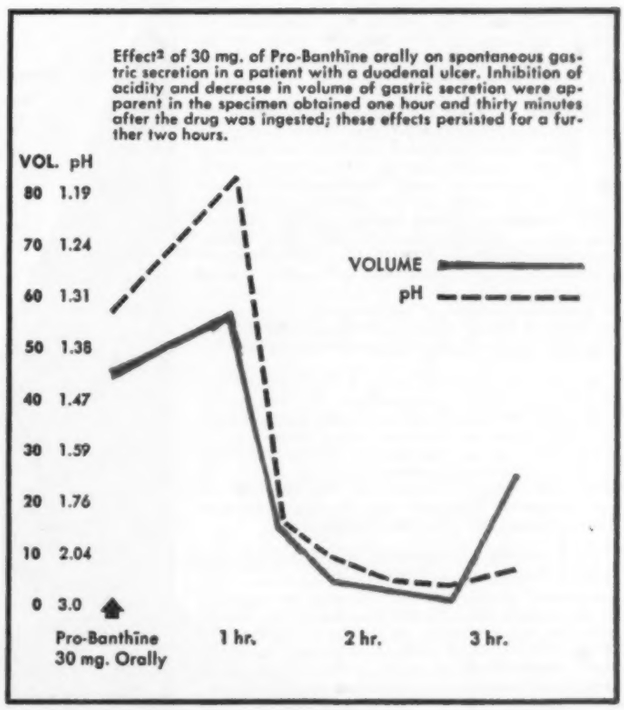

ACTION[1] OF PRO-BANTHĪNE ORALLY AND INTRAMUSCULARLY ON GASTRIC MOTILITY
Peristalsis
Inactivity
ADMINISTRATION OF PRO-BANTHĪNE
Sudden Cessation of Peristalsis
Peristalsis Restored
ORAL ADMINISTRATION
INTRAMUSCULAR ADMINISTRATION
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90
MINUTES

Pronounced Gastropyloric Relaxation Demonstrated with Pro-Banthīne®

Administering Pro-Banthīne, 30 mg. orally or from 10 to 30 mg. parenterally in human subjects, Barowsky observed[1] that "relatively complete gastric inactivity" was produced. "Gastric peristalsis stops . . . and leaves the stomach in a relaxed state. At the same time, the rhythmic (pyloric function) opening and closing of the pylorus ceases. . . ." Gastropyloric relaxation lasted for one hour and ten minutes or longer.

The ability of Pro-Banthīne to inhibit spontaneous and histamine-stimulated gastric secretion has been demonstrated[2] by Roback and Beal. Both quantitative and qualitative reductions were observed in this study.

Pro-Banthīne (brand of propantheline bromide) consistently reduces hypermotility and associated symptoms in duodenal and gastric ulcer, gastritis, pylorospasm, acute and chronic pancreatitis, colonic spasm, biliary dyskinesia and bladder spasm. G. D. Searle & Co., Research in the Service of Medicine.


Effect[2] of 30 mg. of Pro-Banthīne orally on spontaneous gastric secretion in a patient with a duodenal ulcer. Inhibition of acidity and decrease in volume of gastric secretion were apparent in the specimen obtained one hour and thirty minutes after the drug was ingested; these effects persisted for a further two hours.
VOL. pH
80 1.19
70 1.24
60 1.31
50 1.38
40 1.47
30 1.59
20 1.76
10 2.04
0 3.0
VOLUME
pH
Pro-Banthīne 30 mg. Orally
1 hr.
2 hr.
3 hr.

1. Barowsky, H.: Am. J. Gastroenterol. *23*:557 (June) 1955.
2. Roback, R. A., and Beal, J. M.: Gastroenterology *25*:24 (Sept.) 1953.

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LITERATURE AND SAMPLES ON REQUEST

1. Lipschutz, A. and Fischer, C. C.: AMA J. Dis. Child. 89:596, 1955
2. Smigel, J. O.: Med. Times 83:408, 1955
3. Niedelman, M. L. and Bleier, A.: Jrnl. Ped. 37:762, 1950

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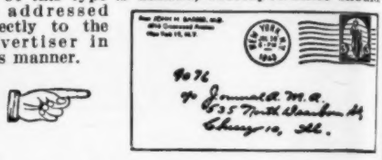

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Journal A.M.A., 535 N. Dearborn St., Chicago 10

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GIGI—THE NEW MASSAGE PUFF IMPORTED FROM Italy; perfect for a rub down and excellent for bedridden patients, for gently stimulating baths; made of polyethylene mesh, odorless, moisture proof; 6 colors; mail order 2 dollars each; discount on quantities. Xtasy of Italy, Box 380, Chicago 90, Illinois.

WORLDPOST NOW HAS A U. S. AGENT—YES, YOU can now buy your fine German photographic and technical equipment at Worldpost's famous prices, but deal direct with a U. S. business firm; you send your order direct to the address below, and we handle the rest; you still save 30 to 50%, even after paying U. S. duties; examples: Exakta: the only completely versatile 35 mm camera; automatic diaphragm Zeiss Tessar F2.8, $149; (duty $19.60) automatic diaphragm Zeiss Biotar F2.8, $185 (duty $23) automatic diaphragm Schneider Xenon F1.9, $193 (duty $26.50); Versal multicombination for lab and technical work, $58.80 ($6.00), Rolliflex (2¼ x 2¼ twin lens reflex, (price includes deluxe leather carrying case) F3.5 $149, ($15.75), F2.8D, $199, ($21.80); Similar prices on most other famous name cameras. Noel B. Nelson, Export/Import, 7810 Greenwood Avenue, Washington 12, D. C., U. S. A.

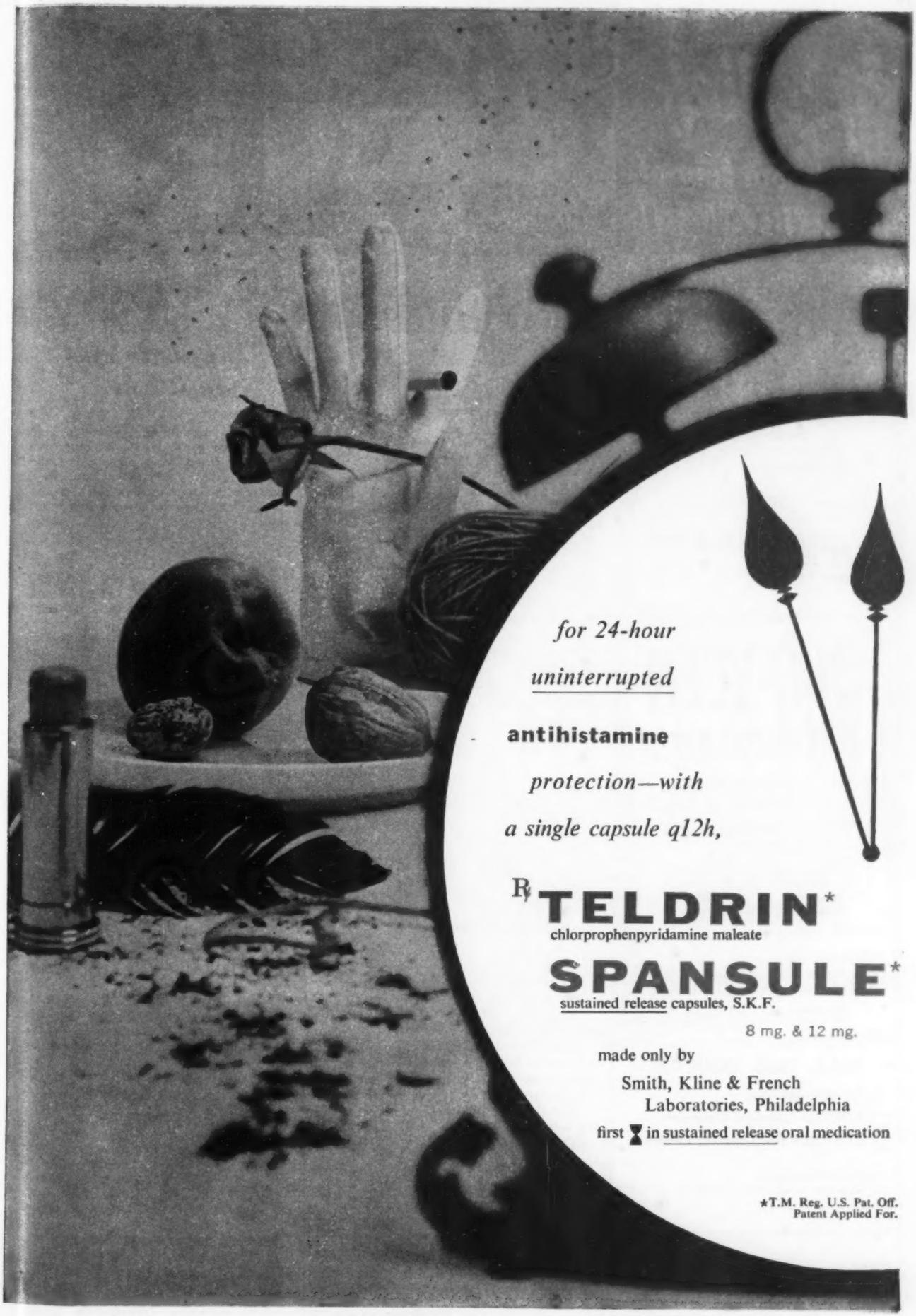
PUBLIC HEALTH PERSONNEL WANTED—LOS ANgeles area public health nurses $395-489; nutritionists $395-489; sanitarians $395-489; medical social workers $375-464; physicians $715-797. Write: Civil Service Dept., Room 5, City Hall, Los Angeles 12.

PHYSICIANS WANTED

NEEDED—PSYCHIATRISTS IN 3,000 BED STATE mental hospital in central Louisiana with large building program and development of new treatment units; also mental health treatment center with day hospital; 2 psychiatrists II; minimum salary $10,200 annually; Board or Board eligible requirements, plus 3 years experience in psychiatry; 2 psychiatrists I; minimum salary $9,000 annually; requirements 1 year internship, 3 years postgraduate training in psychiatry, plus 1 year experience in psychiatric cases; 3 years psychiatric experience substituted for training on year to year basis; required is license to practice medicine and surgery in Louisiana; there is a limited number of houses for physicians for $25.00 per month which includes utilities and laundry. Apply: Dr. A. L. Seale, Superintendent, Box 31, Pineville, Louisiana.

WANTED—PHYSICIAN AND SURGEON; TAKE OVER general practice in Oregon; no investment required; immediate profits and surgery privileges; 40 bed hospital; grossing $50,000; leaving to specialize. Box 2039 C, % AMA.

(Continued on page 78)



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SPANSULE*
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Relief
...Without fear of OVERTREATMENT

AVEENO* colloid baths

Soothing
Anti-pruritic
Safe!

*℞ AVEENO® Colloidal Oatmeal
Available in 18 oz. and 4 lb. boxes

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for . . . the therapeutic effect of BUROW'S SOLUTION
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†℞ BUR-VEEN® Wet Dressing Powder
Available in boxes of 6 and 100 packets

Each packet, when added to one pint of water, makes the equivalent of a 1:20 Burow's Solution with Aveeno.

Each BUR-VEEN packet of 8.6 grams contains 5 grams Aveeno Colloidal Oatmeal.

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☐ AVEENO Colloidal Oatmeal
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Address_____
City and State_____ 2-6

TONICS AND SEDATIVES

my favorite story

In this space will be published anecdotes submitted by physicians concerning their practice or people in general. Contributions for "My Favorite Story" are welcome.

♠

At a rural crossroad in Canada there is a traffic sign that reads:
"Take care which rut you use. You'll be in it for the next 20 miles."

♠

"I can't tell you how long I've labored on this manuscript," the aspiring writer told the producer, "polishing a scene here, adding a line there, eliminating scenes, and adding new characters."
"What a pity," said the producer, handing it back to him.
"All work—and no play."

♠

"You better give me a raise, Mr. Harper," his assistant told him. "Three other companies are after me."
"A likely story," said Mr. Harper. "What companies?"
"Light, Water, and Gas," said the assistant.

♠

George Bernard Shaw, doing his duty at a benefit affair, asked a dowager to dance.
As they waltzed, she simpered, "Oh, Mr. Shaw, whatever made you ask poor little me to dance?"
Replied the gallant G. B. S., "This is a charity ball, isn't it?"

♠

♠

A little old man decided to open a shoeshine stand on Main Street. His friends pointed out that there were already six shoeshine stands on Main Street.
"I fix," said the little old man. And within two weeks five times as many people were patronizing his stand as those of all his competitors together.
Directly over his stand was a sign with big letters:
"One shoe shined free."

♠

A woman stepped off the penny scales and turned to her husband. He eyed her appraisingly and asked, "Well, what's the verdict? A little overweight?"
"Oh, no," said his wife. "I wouldn't say that. But according to that height table on the scale I should be about six inches taller."

(Continued on page 72)

℞ prescribe CAMP

supports and appliances

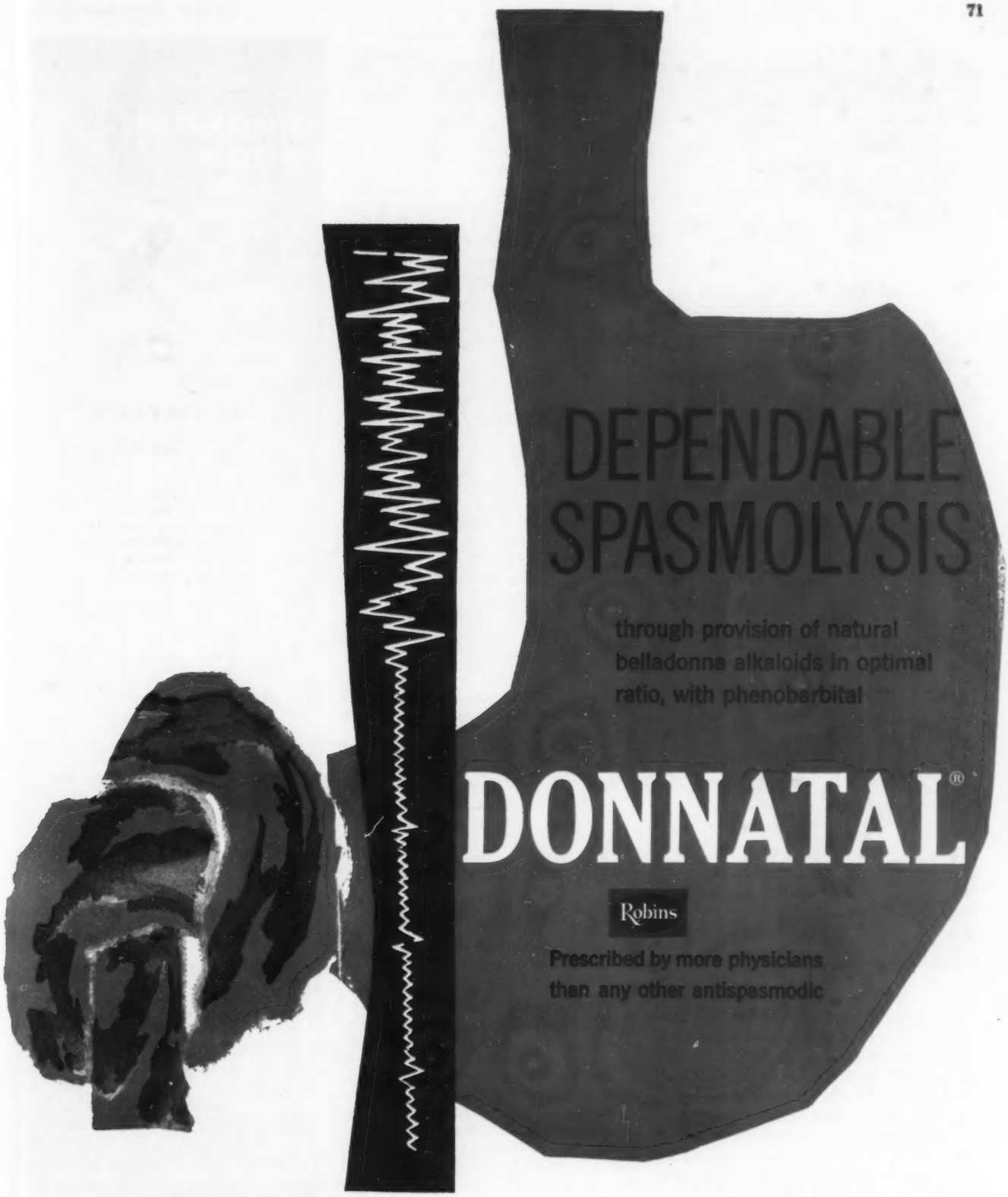
Economy, strength and scientific function -- these are what you give your patients when you prescribe Camp supports and appliances. Your local authorized Camp Dealers stock a complete Camp line for use in home and hospital.

Camp's new nontoxic, washable, plastic Thomas Collar for intermediate cervical support where prolonged, non-rigid hyperextension is indicated . . . easy-to-use, lightweight, comfortable, simply adjusted.

A one piece legging for lower extremity skin traction. Eliminates need for a variety of materials. Simplicity of application and adjustment permits application by unskilled persons. Relative freedom from serious complications.

Camp's Arm Sling designed to take strain off the neck by using the shoulder for support . . . Fitted with a single tie . . . Reversible for use on either arm . . . Available in attractive blue, grey, brown or white.

CAMP
SUPPORTS APPLIANCES
JACKSON, MICHIGAN



A. H. ROBINS CO., INC., RICHMOND 20, VA.
Ethical Pharmaceuticals of Merit since 1878

Robins

FORMULA

Donnatal Tablets
Donnatal Capsules
Donnatal Elixir (per 5 cc.)

Hyoscyamine Sulfate	0.1037 mg.
Atropine Sulfate	0.0194 mg.
Hyoscine Hydrobromide	0.0065 mg.
Phenobarbital (¼ gr.)	16.2 mg.

DONNATAL® EXTENTABS®
(Extended Action Tablets)

Each Extentab (equivalent to 3 Tablets) provides sustained 1-tablet effects . . . evenly, for 10 to 12 hours—all day or all night on a single dose.

Also available without phenobarbital component, as **Donna® Extentabs®.**

home...

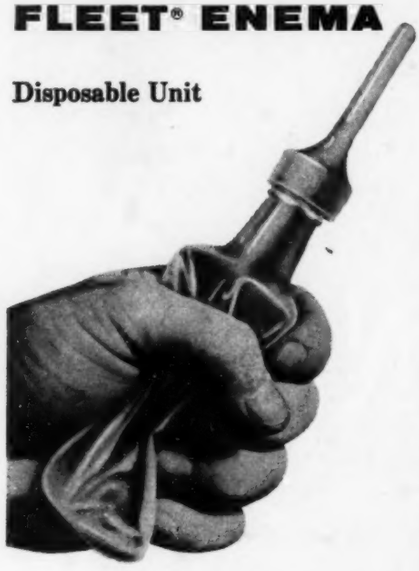
office...

and hospital...

whenever an enema is indicated

FLEET® ENEMA

Disposable Unit



Anatomically correct rectal tube minimizes injury hazard...plastic squeeze bottle fits the hand, simplifies instillation . . . effective as soap suds, or more so,(1) FLEET ENEMA induces prompt, spasm-free evacuation.(2)

For home administration and for hospitalized patients prescribe or recommend FLEET ENEMA Disposable Unit . . . extremely effective, too, for pre-examination cleansing in your office . . . available at all pharmacies . . . in use by leading hospitals.

Each 4½ fl. oz. unit contains, per 100 cc., 16 mg. sodium biphosphate and 6 gm. sodium phosphate.

(1) Swinton, N. W., Surg. Clin. of No. Am. 35:833, 1955

(2) Gross, J. M., Jl. Int. Coll. Surg. 23:24, 1955

C. B. FLEET CO., INC.

Lynchburg, Virginia

Makers of Phospho®-Soda (Fleet)

Gentle . . . Prompt . . . Thorough

TONICS AND SEDATIVES *(Continued)*

"I won't be able to join the gang tonight," apologized young Horace over the phone. "I promised Father I'd help him with my homework."

♠

A visitor to America says: "Funny people, you Americans. You take a glass, put in sugar to make it sweet, and lemon to make it sour. You put in gin to warm you up, and ice to keep you cool. You say, 'Here's to you!' and then you drink it yourself."

♠

At a party recently a woman noticed a new arrival antagonizing every person to whom he was introduced.

"Young man," she told him, "you have the knack of making strangers immediately."

♠

♠

It happened in a sporting-goods store: A woman asked to see a "low handicap," explaining that her husband wanted one so much that she thought it would be nice to surprise him on his birthday.

♠

the poetry corner

A lady from near Lake Louise
Declared she was bothered by fleas.
She used gasoline
And later was seen
Sailing over the hills and the trees.

♠

of resourcefulness and ingenuity

How to cope with unusual situations has always made good anecdote material from time immemorial.

♠

At the beginning of the 19th century there lived in England a resourceful nobleman who traveled without guards despite the presence of highway robbers. He declared that he was not fool enough to combat superior numbers, but he would never surrender to a lone highwayman.

One night, on his way to London, his carriage was stopped by a man on horseback, who put his head in at the window and said:

"I believe you have always boasted that you would never surrender to a single highwayman."

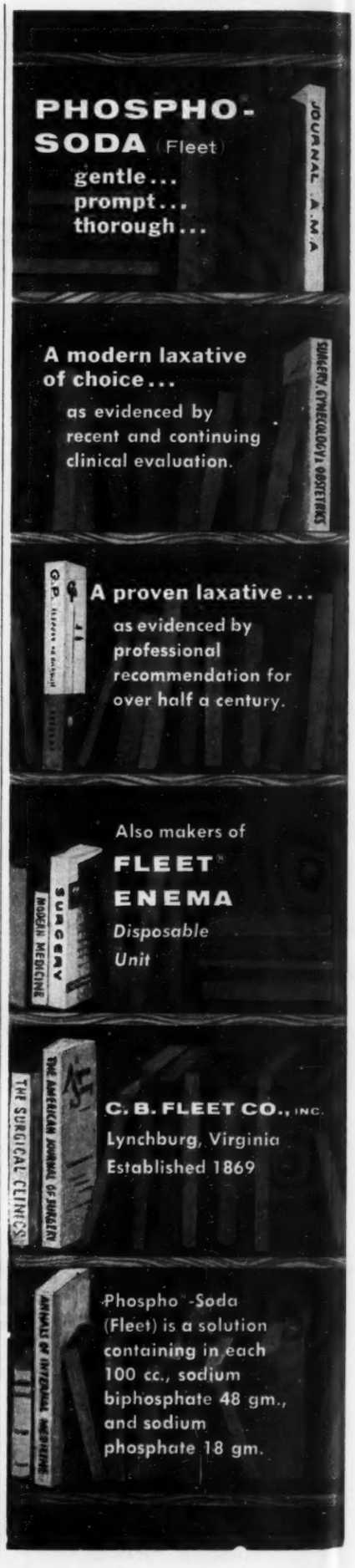
"I have," said the nobleman.

"Well," said the stranger, producing a pistol, "I am a single highwayman, and I say 'Your money or your life.'"

"You cowardly dog!" was the nobleman's rejoinder. "Do you think I cannot see your partner behind you?"

The astonished highwayman looked around; the nobleman promptly shot him.

(Continued on page 74)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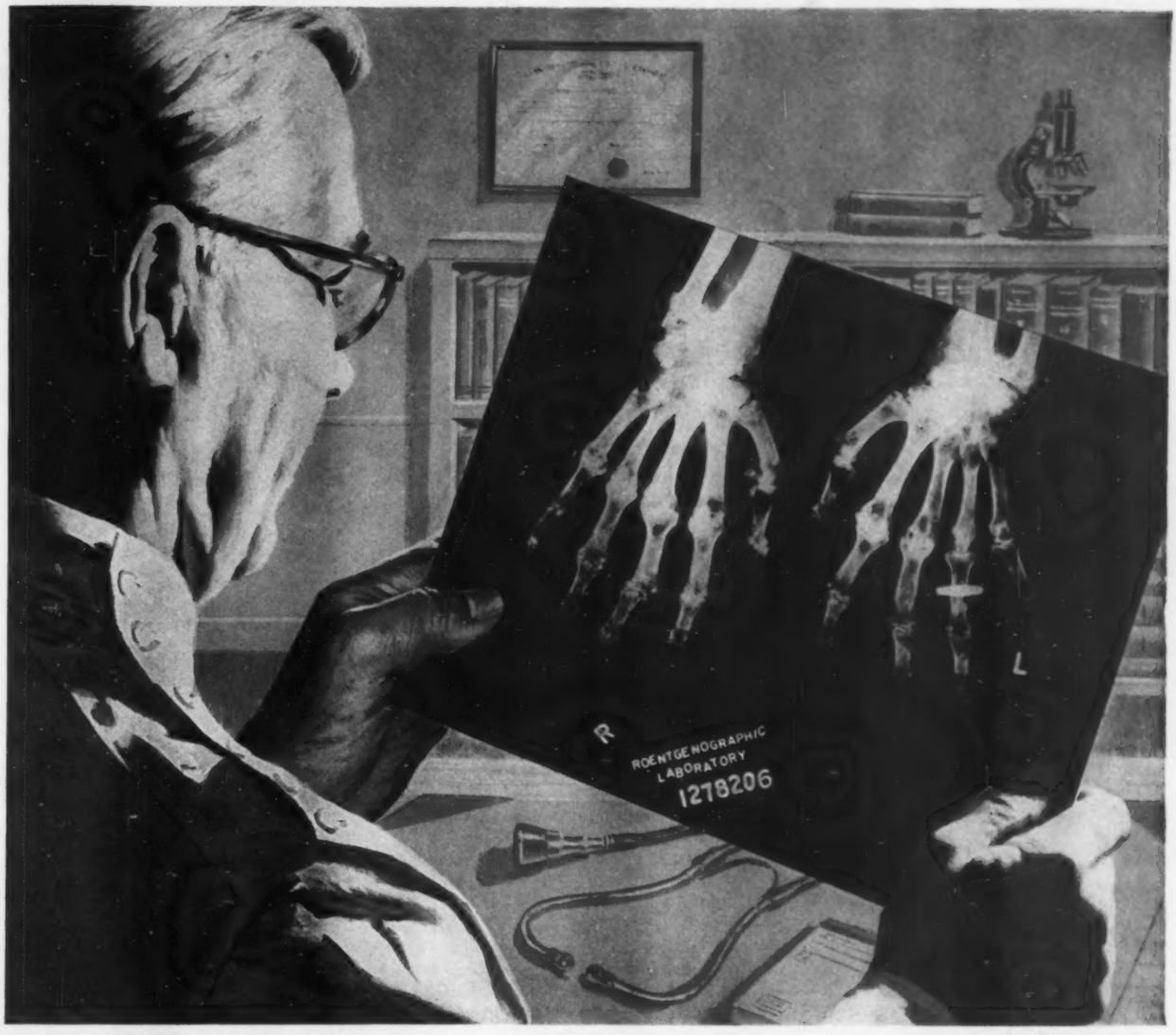
gentle...
prompt...
thorough...
JOURNAL A.M.A.
A modern laxative of choice...
as evidenced by recent and continuing clinical evaluation.
SURGERY, GYNECOLOGY & OBSTETRICS
A proven laxative...
as evidenced by professional recommendation for over half a century.
Also makers of
FLEET® ENEMA
Disposable Unit
SURGERY MODERN MEDICINE
THE SURGICAL CLINICS
THE AMERICAN JOURNAL OF SURGERY
C. B. FLEET CO., INC.
Lynchburg, Virginia
Established 1869
ANNALS OF INTERNAL MEDICINE
Phospho®-Soda (Fleet) is a solution containing in each 100 cc., sodium biphosphate 48 gm., and sodium phosphate 18 gm.



FLEXIBLE ARTHRITIS THERAPY with BUFFERIN®

Exploit fully the use of salicylates in arthritis—give steroids in minimal doses—combine salicylates with corticosteroids for additive antiarthritic effect—this is the program Spies[1] advocates in a recent article in the Journal of the American Medical Association.

Treatment of rheumatoid arthritis demands a "highly individualized program," Spies[1] writes. The additive action of salicylates permits use of smaller amounts of hormones, thus lessening or eliminating their well-known side effects. "A proper mixture of salicylates and corticosteroids produces an effective antirheumatic agent in many cases."[1]

Suit your treatment to your individual arthritic patient. Use the hormone you prefer, in the dosage you think best, but for better results combine it with BUFFERIN, a salicylate preparation proved to be well tolerated by arthritics.[2]

BUFFERIN contains no sodium, a marked advantage when cardiorenal complications make a salt-restricted diet necessary.

Each BUFFERIN tablet contains 5 grains of acetylsalicylic acid and the antacids magnesium carbonate and aluminum glycinate.

REFERENCES:

1. J.A.M.A. 159:645 (Oct. 15) 1955.
2. J.A.M.A. 158:386 (June 4) 1955.

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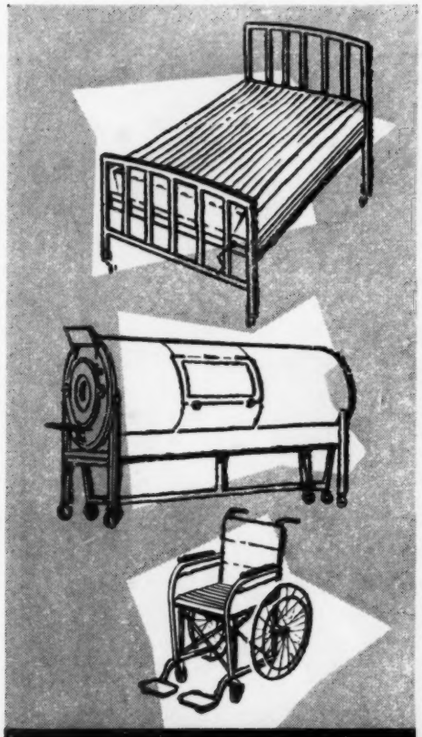

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Bedsores

WITH ALTERNATING
PRESSURE POINT PADS

Clinical evidence in thousands of hospitals indicates the use of APP pads has prevented development of bedsores. And more rapid healing of even advanced decubiti is routine.

Automatic shifting of body pressure points on the alternate rows of air cells prevents tissue tenderness or breakdown. Healing is also accelerated. The need of almost constant nursing care is eliminated. Massage and patient turning are drastically reduced. APP units are available for standard beds, respirators and wheelchairs.

For complete details write to:

The R. D. Grant Company
805-J Hippodrome Building
Cleveland 14, Ohio

Manufactured by
AIR MASS, INC.
Cleveland 8, Ohio

TONICS AND SEDATIVES *(Continued)*

This same nobleman was in a tavern one night preparing to pay his bill when a guinea slipped out of his hand and rolled into a deep crack in the bare floor.

"I guess you'll have to count that guinea lost," said his companion.

"Not at all," said the nobleman. He called the waitress and said:

"My Dear, I have dropped two guineas. You will find them here somewhere. Now we are in a hurry, so if you will give me one guinea now, you can keep the extra guinea for yourself when you find it."

The transaction was thus completed.

♠

quotes of the week

Describing an ardent young swain, a girl said:

"He has Tarzan eyes. They swing from limb to limb."

♠

"Thirty is a nice age for a woman—especially if she happens to be 40."

♠

"A woman who is always up in the air and harping on something is not necessarily an angel."

♠

A famous couple bought a ranch where they entertained incessantly. Finally they decided to name the ranch "Bar None."

♠

In a tightfisted Iowa congregation the hat was passed around one Sunday and returned absolutely empty.

The pastor raised his eyes heavenward and said reverently, "I thank thee, oh Lord, that I got my hat back."

♠

A famous entertainer was once introduced to a lecture audience by a local politician who sang his praises in broken-down clichés for a full 20 minutes.

The entertainer rose, smiled, and said: "Ladies and gentlemen, now I know how a pancake feels when they pour syrup on it."

—D. D.

HARTER MODEL 67-T
EXECUTIVE
POSTURE CHAIR

GREAT CHAIR
TO KEEP YOU
ON TOP OF
YOUR JOB

To move up close to your work—to enjoy the cool comfort of deep molded, foam rubber cushions—to have the support of a curved-to-fit backrest at all times—just try the Harter 67-T Executive Posture Chair. Through compact design, special arms, and precise handwheel adjustments this chair becomes part of you as you work.

Write for free booklet, "Posture Seating Makes Sense." We'll send you the name of your nearest Harter dealer.

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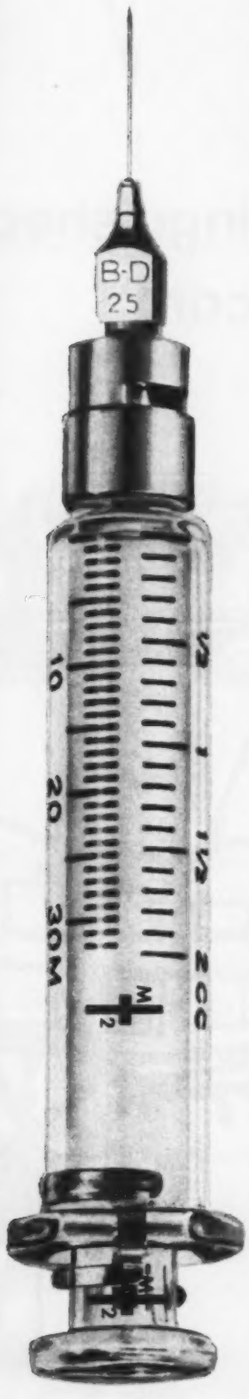
BUY
U. S. SAVINGS
BONDS

"Hold it, dear . . . you took your bowling bag by mistake!"

for
maximum
hypodermic
service



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increased assembly speed
every plunger fits every barrel.
less breakage
ground barrels are tougher,
stronger, more resistant.
fewer replacements
in case of breakage,
only broken part remains serviceable.

B-D YALE® NEEDLES
sharp points
for easier penetration of tissue.
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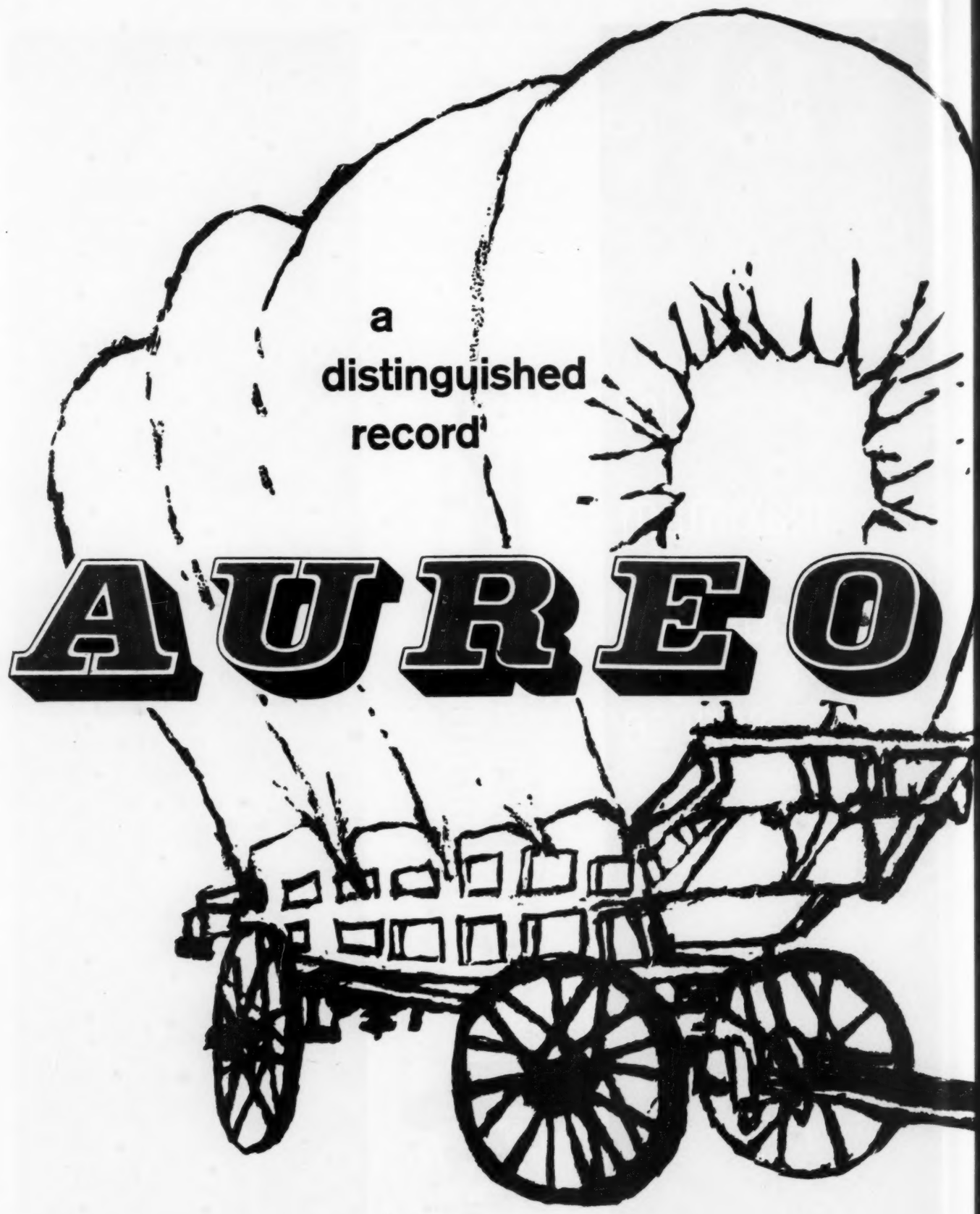
BECTON, DICKINSON AND COMPANY
RUTHERFORD, N. J.


a
distinguished
record
AUREO

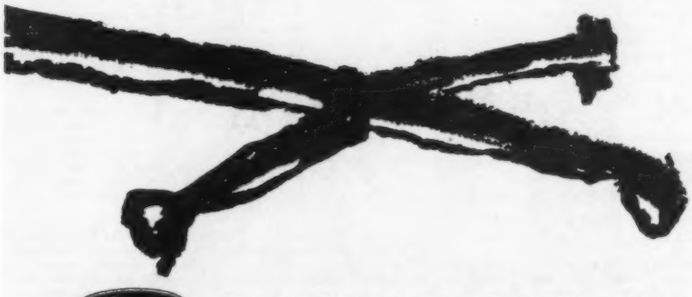
The *pioneer among tetracyclines*, AUREOMYCIN remains unsurpassed in anti-infective range, variety of application, effectiveness at low dosage.

MYCIN*

Hydrochloride
Chlortetracycline HCl *Lederle*

Since its availability, more than a *billion* individual doses of AUREOMYCIN have been administered to patients throughout the world. Few therapeutic agents have been found as consistently effective against a wide group of diseases.

A convenient dosage form for every medical requirement.



Lederle LEDERLE LABORATORIES DIVISION, AMERICAN CYANAMID COMPANY, PEARL RIVER, NEW YORK

*REG. U. S. PAT. OFF.

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PREDICTABLE ALL-DAY, ALL-NIGHT RELIEF with a dependable new anti-histaminic that is low in side effects.

PRE-DETERMINED 10-14 HOUR ANTI-ALLERGENIC ACTION due to 'Strasionic'—sustained ionic—release.

PATIENT APPRECIATION of SINGLE CAPSULE q12h dosage.

Rx Histionex '50' mg. (or Histionex '25' mg. for children age 6-12).

HISTIONEX*

*Pat. Pend. Phenyltoloxamine Resin

PRE-DETERMINED ACTION
PREDICTABLE RELIEF

Strasenburgh
FOUNDED 1896

For Literature and Samples, write R. J. Strasenburgh Co., Rochester, N.Y., U.S.A.

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Founders of the counseling service to the medical profession, serving medicine with distinction over half a century

ADMINISTRATION: (m) Med dir, 135 bd hosp for mentally retarded; psy exper not nec; $12,000, full mtce, lovely 7 rm furn home not on hosp grounds; nr famous resort city; West.

ANESTHESIOLOGY: (s) New post; hd dept, 250 bd vol. gen. hosp; fee basis, $18-20,000; East.

ASSISTANTS: (n) By Gp estab 10 yrs in twn 35,000; prtnr 2 yrs; Soutn Atlantic State.

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GENERAL PRACTICE: (s) Prtnrshp w/GP long estab; about $20,000 1st yr; univ city; South. w/1-2 yrs trng, med; (u) able to do surg, Ob; sal 6 mo then $20-25,-000 or full prtnrshp; unusual oppor; MW. (v) Assn, Bd Internist, surg & GP, long estab; $18,000; Detroit area; recommended.

INDUSTRIAL MEDICINE: (g) Med dir; new post; dir entire program; 38 plants; substantial. (h) Chief, major Co; 6000 empl; well staffed dept; excel facil; $14,000; Ohio. Recommended.

INSURANCE MEDICINE: (i) Asst med dir w/trng in internal med; a major Co.; Fla. lic req'd.

INTERNAL MEDICINE: (k) Assn w/2 internists, Board men, asst professors, med; new cl bldg, in midst of new univ med center, So. (l) Assn, 4 man grp est '53, exc tchg & hosp connections; 90% Catholic community; $12,000; ⅔ 2nd yr, then full prtnr; twn 50,-000, vic Chgo. (m) Mature Dipl to hd dept; 8 man grp, Dipls or nr cert; excel facil; around $15,000; So. Calif. (n) Assn; internal & rheumatory med w/distinguished prof of med-arthritis; wonderful pract. prtnr; E. (o) W/special inter GI; 7 man grp; $12-15,000; nr lge city, oil capital, SW.

NEUROSURGERY: (x) Assn w/outstand'g grp, long estab, staffed by 11 Dipls, mostly Mayo trnd; twn 50,-000, much sought after area, California.

OALR: (x) Oph; head dept, 11 man grp est '20 yrs all on med schl tchg staff; MW. (y) Oto; dir dept; new post; grp, 16 men, est '37; affil 2 med schls; oppor teach; prefer one well qual ENT surg; So.

OB-GYN: (o) Assn, 20 man grp est '22; sal & % averag'g $15-20,000 1st yr; univ city; MW. (f) Dipl; hd dept, grp, 14 man, Dipls or nr elig; ing estab; exc cl & hosp facil; MW.

ORTHOPEDICS: (o) Hd dept, grp, 5 Dipls, 4 nr certified; new $500,000 cl bldg; twn 70,000; So. Cal. (p) Dir dept; new cl serving indus grp; $17-20,000 annual increases to 25,000, So. (q) Assn 30 man grp; $15-20,000; lge amt 'research; nr univ cnt; E.

PATHOLOGY: (e) Dir dept, fully approv'd 600 bd gen hosp; tchg prog; aircond lab well staffed; oppor $30-40,000. (f) Dir dept 450 bd gen hosp expand'g to 500 bds; approv'd med techn course affil'd univ; oppor choosing own assoc; city 100,000; MW.

PEDIATRICS: (h) Assn. 20 Board men; own hosp; oppor tchg, research; $15,000 increas'g $25,000; bonus; lge city, MW. (i) Hd dept, new post; 5 man grp well estab; $15-20,000; coll twn; PacNW. (j) Assn w/Bd internist; founding grp; no invest; twn 15,000, 1 hr to NYC; excel hosps; $12,000.

P & N: (h) Neurologist; inter cl neuro, trnd EGG; assn distinguished grp, 60 specialists, many on med schl faculties; univ city; So. (i) Psy; certified, psy; hd dept, distinguished grp 70 specialists, many on med schl faculties: own hosp; recommended.

RADIOLOGY: (g) Dir dept; gen vol JCAH hosp, 450 beds; dept well-staffed; arrngmts open; univ city 250,000; central. (h) Dir dept; 240 bd gen vol hosp; $25,000; seaport city; SE.

STUDENT HEALTH: (h) Med dir, Teachers College; 2500 students; $10,000; possibility, priv pract & faculty post; MW.

SURGERY: (v) Assn, 13 men; 8 cert (1 surg), 5 GP's; about $15,000; Ohio. (w) Assn w/3 GP's; $12,000 & %; lge coastal city; So. Calif. (x) Diplomate, to estab surg dept in cl estab '39 by 2 internists, 1 oto, 1 oph, all Board men; modern, cl bldg; MW.

UROLOGY: (a) Dir new dept; grp 14 men operat'g 5 clinics! prtnr 2nd yr; $12,000; MW.

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(Continued from page 68)

PHYSICIANS AND PSYCHIATRISTS NEEDED IN California—13 large mental hospitals, 7 advanced correctional institutions, 1 veterans home offer wide choice to physicians and psychiatrists throughout California; appointments offer 40 hour week, liberal vacation and sick leave, generous retirement plan; institutions are located in spacious suburban areas accessible to large cities; progressive, dynamic treatment and rehabilitation programs; 3 salary groups: $10,860-$12,000; $11,400-$12,600; $12,600-$13,800; must be U. S. citizen and eligible for California license. For full information Write to : Mr. Burton W. Oliver, California State Personnel Board, 801 Capitol Avenue, Sacramento 14, California. State specialty. C

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WANTED — GENERAL PHYSICIANS; UNDER 35 years of age; to assist specialists in professional care program of the 10 Miners Memorial Hospital; full time positions with starting compensation at the rate of $12,000 per year; U. S. citizenship and eligibility for licensure in Kentucky, Virginia, or West Virginia required. For details, address: The Clinical Director, Miners Memorial Hospital Association, 1427 Eye St., N. W., Washington 5, D. C. C

PHYSICIANS WANTED — OPENINGS FOR PHYSIcians in a general medical clinic and for general medicine on a neuropsychiatric service in a university affiliated 1000 bed general hospital; well qualified general practitioners acceptable; salary open, not to exceed $10,320 if not certified; not to exceed $12,900 if certified; fringe benefits. Apply: Dr. A. Tomasulo, Director, Professional Services VA Hospital, Dayton, Ohio. C

PHYSICIAN WANTED—FOR A 242 BED TUBERCUlosis hospital+ which is part of a 3000 bed center affiliated with Ohio State University; experienced general practitioner acceptable; starting salary not to exceed $12,900 for a certified physician and $10,320 if not certified; maximum salary $13,760. Apply: Dr. A. Tomasulo, Director of Professional Services, Veterans Administration Center, Dayton, Ohio. C

WANTED — PSYCHIATRISTS; OPENINGS FOR FELlows, instructor and assistant professor at teaching hospital*+ attached to university medical school; salary depending on qualifications; work may include psychosomatic service, outpatient clinic, general psychiatry, private practice. Write: Dr. R. W. Garnett, Jr., Department of Neurology and Psychiatry, University of Virginia Hospital, Charlottesville, Virginia. C

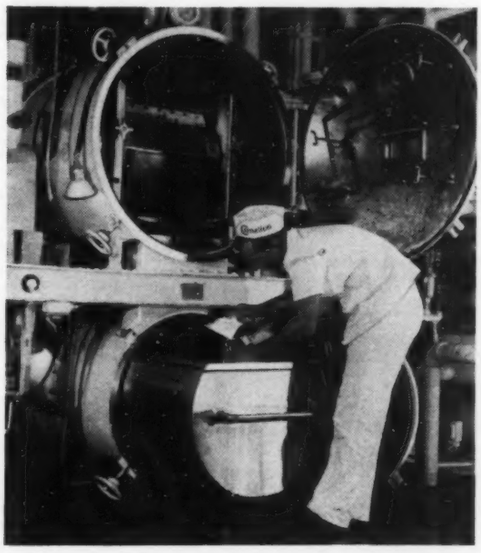
(Continued on page 80)

Report | from Carnation Research Laboratory

Van Nuys, California

Nutritional Research

The never-ending effort to reach even higher standards for Carnation products includes both biological and analytical research. In the latter phase, all necessary, highly-definitive equipment is available at Carnation Research Laboratory. Here, for example, a staff member determines vitamin B content of a Carnation product, using a Beckman Quartz Spectrophotometer.



Product Stability Research

Carnation research also assures product stability–the *retention* of optimum food values under maximum adverse conditions. Among other facilities in this phase of research, a diurnal cycling cabinet permits staff members to study Carnation products under extremes of temperature and humidity.

Mass Production Research

Carnation Research Laboratory includes a complete pilot plant staffed by competent technicians. This plant permits production of new or improved Carnation products in quantities beyond laboratory amounts. Mass production problems can be detected and further research instituted.

CARNATION PROTECTS YOUR RECOMMENDATION WITH CONTINUOUS 5-PHASE RESEARCH:

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Carnation Farms,
Carnation Plant Laboratories,
Carnation Central Product Control Laboratory,
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PALMOLIVE BUILDING CHICAGO

ADMINISTRATION: (AA24) Ass't dir., organ. specializing in research involving statistics, auditing; internist pref; MW.

ANESTHESIOLOGY: (B28) To develop prog. in new 200 bed hosp., private practice basis; staff of 72, of whom 38 are specialists; 3500 operations yr; coll. town, 40,000; So.

DERMATOLOGY: (D46) Head dept, well estab. group, serving city 200,000, Penn.

GENERAL PRACTICE: (F34) Ass'n busy gen. practice, emphasis on traumatic surg; early partner; should gross $18,000 to $20,000 1st yr; univ city, So. (F35) Ass'n, chief surg., 200 bed county hosp; duties: gen. pract., ob., minor surg; small town, near univ. city, Mich; $12,000. (F36) Ass'n, 6 man group; year or 2 res. med. advantage, not req; So. Calif. (F37) Two G.P.'s, one with some training dermatology, other exp. chest diseases; foreign operations, major co; $18,000 tax free. (F38) Ass'n, 18 man group estab. as partnership '48; 1st yr, $12,000; 2d, $15,000; Chicago area.

INDUSTRIAL MEDICINE: (G91) Two med. directors, eastern plants, lge co; pref. men with some special training, intern..l med; one should be qual, chest diseases; new diagnostic clinics. (G92) Ass'n, one of country's leading clinics, long estab; staff of distinguished specialists; Calif.

INTERNAL MEDICINE: (H85) Ass'n, 15 man group estab '22; pref. one with univ. hosp. training; coll. town, Calif; summer '57. (H86) Ass'n, 2 Board internists; res. suburb, NYC; partner oppor. (H87) Head dept, new gen'l hosp., serving lge indus. group; if Board, $17,000-$20,000; annual increases $1000 for 5 yrs; So. (H88) Ass'n, 8 man group; own hosp; $12,000-$14,000; univ. City, MW.

NEUROSURGERY: (I18) Ass'n Board NS; Pac. NW.

OALR: (E36) Oph; joi staff, 3 man dept, group estab, '21; Calif. (E37) Assoc. oto; well-estab. group; med. school city, SW; min. $15,000.

OBSTETRICS-GYNECOLOGY: (J70) Head dept, new gen'l hosp., serving lge indus. group; if Board, $17,000-$20,000; annual increases $1000 for 5 yrs; So. (J71) Well qual, gyn. surg. to head dept, small group; res. town near several lge cities including med. center; early partner; min. $15,000; MW.

ORTHOPEDICS: (K17) Ass'n, 20 man group; 3 gen. surgeons; univ. city. Rocky Mts. (K18) Ass'n Board orthoped; FACS, AAOS; city, 45,000, Calif; partners, 3-6 months.

PATHOLOGY: (L59) Dir dept 300 bed gen. hosp; pref. one qual. conduct tch'g prog; fee-for-service; $25-$35,000; town of 85,000, So. (L54) Dir. dept, vol. gen. hosp., 300 beds; well equipped dept, school for med. techs, approved path. res; univ. city, MW.

PEDIATRICS: (M32) Ass'n, Board ped; early partner; resort town near med. center, NY. (M33) Ass'n 12 man group, all Diplomates; univ. town, Calif. (M34) Ass'n, 2 Board pediatricians; busy pract; univ. city, Pac. NW. Sal., 1st yr; partner 2d.

P & N: (P16) Psy. pref. with psychoanalytical exp. and neurologist trained in EEG, interested in gen. clin. neurology to head sections now combined; 70 man group; univ. med. center.

RADIOLOGY: (R43) Dir. dept, new 225 bed gen. hosp; excel. equipped dept; coll. & resort town, W; pref. one qual. radioisotopes; % averaging $35,000. (R44) Assoc. rad; teh'g dept serving lge clinic, 800 bed hosp; 80,000 diag. exams, 9000 therapy visits yr; MW.

SURGERY: (U98) Gen. surg. trained in traumatology and equipped to do gen. orthopedic work exclusive of major; group estab. '21; Calif; (U99) Surg trained in surg. or trauma; ass'n, large private indus. practice; min. $1000; partner after yr; Mich.

UROLOGY: (W51) Ass'n Board urologist; busy practice; early partner; resort city, SW.

Please send for our Analysis Form

Burneice Larson DIRECTOR

(Continued from page 78)

ANESTHESIOLOGIST — BOARD ELIGIBLE; TO associate with Florida anesthesiologist in private practice in central Florida location; objective, permanent partnership. Box 1828 C, % AMA.

NEEDED — A FULL TIME PHYSICIAN FOR A NEW tuberculosis sanatorium; the position available is that of Associate Medical Director; opportunity for research; complete surgical and pathological facilities; salary governed by background of training and experience. Please write: District 1 Tuberculosis Sanatorium, Decatur, Alabama. Attention: Arthur A. Calix, MD, Medical Director and Superintendent. C

WANTED—PSYCHIATRISTS; SALARY DEPENDENT upon experience and education; 3200 bed state mental hospital+ located near New Jersey shore resort area; 45 miles from New York City; must be graduate of Grade A medical school; licensed or eligible for license in New Jersey; experience in this field essential. Address applications to: Medical Director, State Hospital, Marlboro, New Jersey. C

WANTED — A PHYSICIAN WITH FLORIDA LICENSE, interested in establishing practice with a medical institution specializing in the treatment of chronic disorders, exclusive of mental and contagious diseases; desirous to have special training in physical medicine and geriatrics; state qualifications in writing. The Miami-Battle Creek, Miami Springs, Florida. C

WANTED—ASSOCIATE RADIOLOGIST; IN PRIVATE office and hospital practice; Southeast; excellent opportunity for early partnership; state all qualifications and particulars in 1st letter. Box 1941 C, % AMA.

SURGEON AND PHYSICIAN URGENTLY NEEDED — at Burlington, Kansas; progressive county seat town of 3000 inhabitants, drawing area 4000; new modern 30 bed hospital; open staff; street level modern air-conditioned office adjoining dental office; lucrative practice; good schools; 5 churches; country club. Write: Wm. Vanderlage, Manager, Coffey County Hospital. C

WANTED—ASSOCIATE AND/OR SOMEONE INTER-ested eventually acquiring large practice northwest St. Louis; practice includes general and industrial surgery and some general practice; prefer young man finished residency training or middle-aged man capable handling it; splendid opportunity; state qualifications and give references. Write: Box 2019 C, % AMA.

GENERAL PRACTITIONER AND INDUSTRIAL SUR-geon—excellent opportunity for those who can secure an Indiana license; good salary; pleasant working conditions; eventual partnership with a group of 5 well trained industrial and private practitioners (established 1903); 25 miles south of Chicago, Illinois in the state of Indiana. Write: Box 2016, % AMA. C

PHYSICIANS—WITH OR WITHOUT PUBLIC HEALTH training, and pediatricians needed in maternal and child health program at salaries from $7895 through $9816; 5 day week, pension, civil service appointment. Dr. E. R. Krumbiegel, Milwaukee Health Department, City Hall, Milwaukee 2, Wisconsin. C

STAFF PHYSICIAN—FOR STATE INSTITUTION FOR mentally retarded; under Kansas Civil Service and covered by Social Security and Workman's Compensation; housing available at reasonable rate. Apply: Personnel Office, Winfield State Training School, Winfield, Kansas. C

WANTED—A PSYCHIATRIST OR ONE INTERESTED in psychiatry even without special training, who has insight into psychosomatic problems, to work in a large midwest private nonpsychiatric institution in a city of 750,000; very satisfactory salary and splendid working conditions. Box 2013 C, % AMA.

GENERAL PRACTITIONER—MAYO, MARYLAND; TEN miles from Annapolis General Hospital; near beach resorts, prosperous farms; area population 3000; doubles in summer; excellent prospects, pleasant surroundings; local doctor retired. Write: Mrs. Ruby F. Reid, Mayo Community & Recreation Association, Mayo, Maryland. C

STAFF PHYSICIAN—TO SERVE ON ESTABLISHED schedule; pleasant work conditions and wholesome community of 35,000; assignment with tuberculosis patients; ample salary; liberal vacation system; retirement plan; and other inducements. Manager, Veterans Administration Hospital, Butler, Pennsylvania. C

GENERAL PRACTITIONER—CALIFORNIA LICENSE; Spanish speaking; as a neighbor; have large practice about third speak Spanish; have overflow; desire alternate week-end duty; will refer; proper suite available; rent reasonable; in same medical court; San Diego. Box 2034 C, % AMA.

STAFF SURGEON WANTED—ACTIVE 200 BED GM&S hospital; liberal vacation, sick leave, and retirement plan; salary dependent on qualifications; citizen. Write to: Manager, Veterans Administration Hospital, Altoona, Pennsylvania. C

(Continued on page 82)

RAISE THE EMOTIONAL THRESHOLD

against everyday stresses...

Serpasil in a LOW, ONCE-A-DAY* dose acts as a gentle mood-leveling agent ...sets up a needed "tranquility barrier" for the many patients who, without some help, are incapable of dealing calmly with a daily pile-up of stressful situations.

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TABLETS, *0.1 mg., 0.25 mg. (scored), 1.0 mg. (scored), 2.0 mg. (scored), and 5.0 mg. (scored).* ELIXIR, *0.2 mg. or 1.0 mg. per 5-ml. teaspoon.*

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ANESTHESIOLOGISTS: (a) East; 300 bed hospital in city of 100,000. (b) MW; 150 bed hospital operated by group of specialists; will be head of dept. 2 well qual. nurse anesthestists. (c) Teaching hospital; ample opp. for teaching and research plus clinical work.

DERMATOLOGISTS: (a) MW; 12 man grp. of qual. spec. $12,000 min. ptnship. 1 yr. (b) MW; Assoc. 2 board men; city of 50,000; some trng; cert. not req; exc. opp.

GENERAL PRACTICE: (a) Calif; city of 60,000; assoc. with well-estab. G.P. diversified prac; $12,000. (b) Calif; 8 man grp. near S.F. (c) Assoc; Rocky mountain area; good sal. start. (d) 6 man grp. near Wash., D. C.; good sal. start; ptnship 1 yr. (e) Assoc; genl. & surg. prac; NW; start; ptnship 1 yr. (f) Assoc; sub. of Chgo. large prac. excel opp. ptnship. (g) MW; well-known grp; own med. bldg. new; $12,000 1st year, $15,000 2nd. then ptnship. (h) MW; assoc. well-estab. prac. in city 90,000. $12,000. (i) S; Asst. large genl. prac. minor surg. no O.B. $12,000. (j) Assoc. MW; some surg. & O.B. City of 200,000. $10,000 min. to start. (k) NW; assoc. large prac. mining town of 6000 in resort area. $12,000 start inc. every 3 mo. ptnship 1 yr.

HOUSE PHYSICIANS: (a) SE; 40 bed hosp; $7200. (b) S; 120 bed hospital in lge. city; assist. surg. $6000. (c) MW; pref. int. in surgery; 75 bed hosp. in large city; $12,000. (d) E; 50 bed hosp; $4200 plus 2 bedroom apt. (e) S; 175 bed hosp; exc. medical staff; $4200 maint.

INDUSTRIAL PHYSICIANS: (a) S; company employs 1200; growing; 5 day wk; priv. prac. if desired; $11,000 start. (b) Calif; large company; supervise in-plant medical facilities. (c) SW; plant employs 2500; work mostly preventative; $10-$12,000. (d) SW; plant employs 6000; modern med. dept; $10,000. (e) E; assoc. with indus. phys; great deal of traumatics; some genl. prac; $12,000.

INTERNISTS: (a) Calif. New Medical grp. near L.A. No invest. Estimate earnings $1000 mo. increase to $3-$4000. (b) Calif. Well est grp. located in highly populated area. $1100-$1200 mo. (c) Chief of Clinical Services with outstanding hosp. grp. $17-$20,000. (d) Well estab. grp, near Chgo. Own air cond. medical bldg. exc. hosp. facilities. $15,000 1st yr. $18,000 2nd. then ptnshp. (e) MW. 5 man grp. opp. for teaching in med. sch. To $12,000. (f) NW. Small grp. in progressive community. Excel hosp. facilities $12-15,000. (g) SW. 4 man grp. own 50 bed hosp. $12,000 minimum. (h) E. Assoc. with board man; large prac. excel. opp. (i) NW. Well est. grp. in city 30,000. New clinic bldg. $12,000 minimum.

OB-GYN: (a) SW; 20 man grp. new med. bldg. in large city. (b) Assoc. with Board man; large prac. near Wash., D. C.; $10,000; ptnshp. 1 yr. (c) MW; well-known grp. city 50,000; $12,000. (d) NW; cert. not nec; well-estab. grp. city 30,000; $12,000. (e) Univ. Med. Sch; faculty pos. teaching and research; priv. pract. perm; $12,000.

OPHTHALMOLOGY: (a) SW; 10 man grp. in city of 65,000; modern clinic bldg; $12,000. (b) Calif; grp. of yng. spec; will be only eye man; $12,000 start. (c) Assoc. with Board man; near Wash., D. C.; excel opp. (d) MW; grp. of 15 men in large city; $15,000 ptnshp. 1 yr. (e) Assoc. with 2 Board men only ones in drawing area 250,000; $15,000.

PATHOLOGY: (a) E; require cert; 350 bed hosp; $15-$20,000. (b) MW; 125 bed hosp; city 30,000; sal. plus can net $30,000. (c) SW; superv. med. spec. of lab. of old estab. clinic. $15,000 min. (d) NW; assoc. 200 bed hosp; city 75,000; $12,000 min.

PEDIATRICS: (a) SW; 10 man grp. growing rapidly; city 65,000; $12,000 start. (b) Calif; assoc. with 4 Board men; large prac; near S. F; $10-$12,000. (c) MW; small grp. in highly populated area; excel. hosp. facilities $12-$15,000. (d) E; assoc. with grp. of 4 internists; near Phila. $12,000. (e) NW; small grp; new clinic bldg. twn. 15,000; drawing area 40,000; $12-$14,000. (f) Pacif. NW; assoc. with Board man; city 50,000; $12,000.

PHARMACEUTICAL: (a) MW; clinical invest; some travel; $10-$12,000. (b) MW; export div; proficiency Span. and French; world travel; $12-$15,000. (c) E; clinical invest; $10,000 min. (d) Med. dir; some clinical invest; primarily admins; to $12,000.

RADIOLOGISTS: (a) MW; active priv. lab; near Chgo; $12-$18,000. (b) MW; assoc. with Board man; well-trained in X-ray diagnosis and isotopes. (c) NE; take over dept. in new 75 bed hosp; $15,000 min. (d) SW; assoc. with Board man; service 3 hosp; trng. in isotopes. (e) NW; 175 bed hosp; new lab; average earnings $2000 mo. (f) E; assoc. Board man; large prac; $15,000 1st yr. 2nd, yr. $25,000.

Upon request one of our applications will be mailed to you. Write us today—a post card will do.

(Continued from page 80)

PSYCHIATRIST — TRAINED OR EXPERIENCED IN penal or criminal field; to serve as psychiatric and medical adviser to prosecutor's office in New York City area; may include testifying in court; employment on full or half time basis at annual salary; write, giving full particulars. Box 2040 C, % AMA.

GENERAL PRACTITIONER — OR MAN WITH 1-2 years surgical training to do general practice and assist in surgery; surgical preceptership possible; assist Board man in surgery; Ohio license required; apartment and office available; salary if desired. Box 2017 C, % AMA.

GENERAL PRACTITIONER NEEDED—FOR SMALL town; 3,000 population; free furnished office space is available; wonderful opportunity for right man. For details contact: Administrator, Memorial Hospital of Martin County, Stanton, Texas. C

ANESTHESIOLOGIST—WANTED IMMEDIATELY; TO join a Massachusetts group of 3 certified anesthesiologists in private practice; prefer Board certified or eligible, Massachusetts licensed or obtainable, citizen, and male. Box 2021 C, % AMA.

GENERAL PRACTITIONER—TO JOIN 2 OTHER GENeral practitioners conducting large established practice in New York City; completely equipped large office with X-ray, laboratory etc.; salary 1st year then partnership opportunity. Box 2035 C, % AMA.

GENERAL PRACTITIONER WANTED IN SMALL North Dakota town—new suite of offices; prosperous community; financial aid provided if necessary. Write: Fordville Commercial Club, Fordville, North Dakota. C

IMMEDIATE OPENING

Plant physician. Splendid opportunity for young, ambitious M. D. to train under competent director. Well-equipped, well-staffed office. Ample opportunity to develop private practice after hours. Experience—one year of medical residency and 1-2 years of general practice. Salary: Open. Write, telephone collect, J. B. Whitla, Placement & College Relations Supervisor, Merck & Co., Inc., Rahway, N. J.

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PEDIATRICIAN—BOARD OR BOARD QUALIFIED; to associate with established pediatrician in upper south Atlantic area; excellent hospital and office facilities; desirable geographic location; no financial investment. Box 2031 C, % AMA.

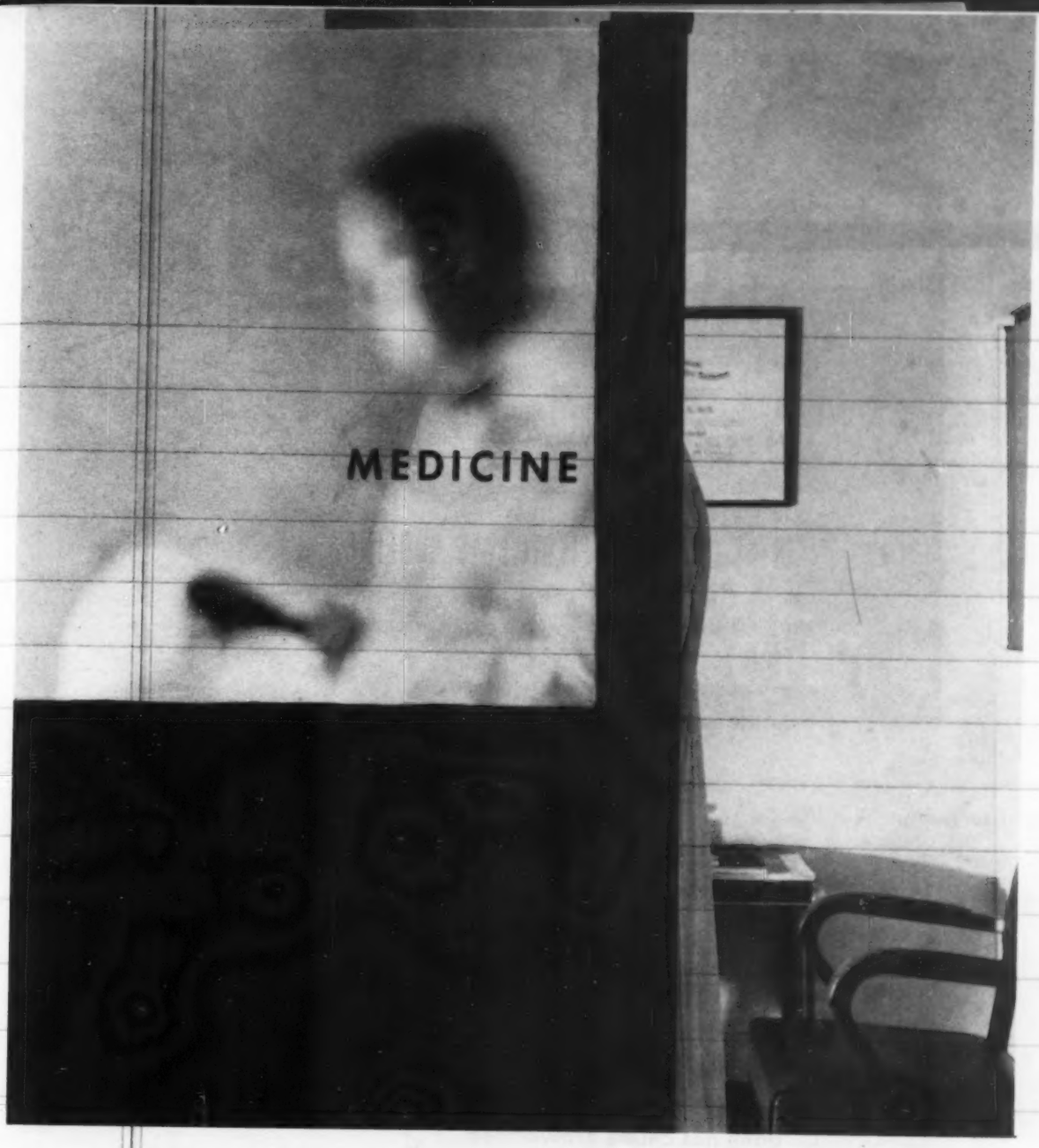
PEDIATRICIAN — TO JOIN GENERAL SURGEON doing some general practice; new building; early partnership; excellent opportunity for young man; city 50,000; send full personal and professional details first letter. Box 2027 C, % AMA.

WANTED—AMERICAN BOARD SPECIALISTS; PHYsicians interested in group or private practice, teaching, research, public health, or industrial medicine; National and International services. Our 60th Year. Woodward Medical Bureau, 185 N. Wabash Avenue, Chicago. C

ORTHOPEDIC SURGEON—TO JOIN TWO GENERAL surgeons serving southwest town more than 40,000; new office building properly equipped; Board eligible or certified. Contact: Dr. Jack Wright, 4000 Central, Hot Springs, Arkansas. C

WANTED—STAFF PHYSICIAN FOR ROUTINE WORK in large state tuberculosis sanatorium in southwest; previous experience in tuberculosis desirable but not necessary; good salary; family maintenance including cottage; good working conditions. Box 2015 C, % AMA.

(Continued on page 84)



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MYSTECLIN SUSPENSION

Steclin-Mycostatin (Squibb Tetracycline-Nystatin)

Another form of the only broad spectrum antibiotic preparation with added protection against monilial superinfection

PLEASANT TASTING — Mysteclin Suspension is pleasantly fruit-flavored and will appeal to taste-conscious youngsters as well as to adults who prefer liquid medication.

BROADLY EFFECTIVE — Mysteclin Suspension provides well tolerated therapy for the many common infections which respond to tetracycline—and also acts to prevent monilial overgrowth.

READY-TO-TAKE — Mysteclin Suspension requires no reconstitution and can be given by simple teaspoon dosage to patients of all ages.

MYSTECLIN SUSPENSION: a fruit-flavored oil suspension containing the equivalent of 125 mg. Steclin (Squibb Tetracycline) Hydrochloride and 125,000 units Mycostatin (Squibb Nystatin) per 5 cc. teaspoonful. Supplied in two-ounce bottles.

Also available as Capsules (250 mg. Steclin Hydrochloride and 250,000 units Mycostatin) and Half Strength Capsules (125 mg. Steclin Hydrochloride and 125,000 units Mycostatin).

SQUIBB *Squibb Quality — the Priceless Ingredient*

'MYSTECLIN'®, 'STECLIN'®, AND 'MYCOSTATIN'® ARE SQUIBB TRADEMARKS

Upjohn
KALAMAZOO
Indicated
in most conditions in which oral cortisone or hydrocortisone is effective. Available in 2.5 mg. tablets in bottles of 100, and in 5 mg. tablets in bottles of 30, 100, and 500. Usual dosage is ½ to 1 tablet three or four times daily
Deltasone*
Less sodium retention, less potassium depletion

*Trademark for the Upjohn brand of prednisone (delta-l-cortisone)

(Continued from page 82)

YOUNG MALE PEDIATRICIAN — UNIVERSITY trained; Board eligible to join January original pediatrician in well established growing 6 man mixed group; university association. Buckhead Clinic, 3254 Peachtree Road, Atlanta, Georgia. C

WANTED — MD; ANESTHESIOLOGIST FOR 27 BED general hospital; starting salary $500 per month. Contact: A. H. Rosasco, Administrator, Winslow Memorial Hospital, Winslow, Arizona. C

YOUNG GENERAL PRACTITIONER — INTERESTED in obsteirics and pediatrics; to join 3 man group in suburban area, large midwestern city; Minnesota license necessary. Box 1903 C, % AMA.

INTERNIST—CALIFORNIA; GROUP YOUNGER MEN has unusually good financial plan; town over 50,000. Helen Buchan, Continental Medical Bureau, Agency, 510 West 6th St., Los Angeles 14, California. C

WANTED — EENT DEPARTMENT HEAD IN SIX doctor clinic in Texas; ophthalmologist preferable; Board certification desirable, not necessary. Box 1024 C, % AMA.

YOUNG GENERAL PRACTITIONER — PREFERABLY with some special training in obstetrics; Illinois license; unusual opportunity with early partnership; include full details 1st letter. Box 2028 C, % AMA.

GENERAL PRACTITIONER — COLORADO; SMALL group offers salary leads to partnership; Denver area. Helen Buchan, Continental Medical Bureau Agency, 510 West 6th St., Los Angeles, 14, California. C

WANTED—OPHTHALMOLOGIST OR EENT MAN TO develop department in 14 man Illinois group; salary open. Box 2011 C, % AMA.

WANTED—TWO MEN TO TAKE OVER WELL-ESTABlished general practice, within commuting distance of New York City Box 1815 C, % AMA.

DIRECTOR LOCAL HEALTH SERVICES

LOS ANGELES CITY HEALTH DEPARTMENT

Position involves administering nine local Public Health Districts consisting of community populations from approximately 100,000 to 600,000. District responsibilities include administering programs in Communicable Disease, Tuberculosis, Venereal Disease, Child Health and Maternity Clinics, Environmental Sanitation, Nutrition, Medical Social Services and Health Education. Each District staff consists of Health Officers, Physicians, Public Health Nurses, Nutritionists, Medical Social Workers, Sanitarians, and Clerks. Starting monthly salary $1048 with a range to $1170. Benefits include vacation and sick leave, transportation, and retirement program.

Write George M. Uhl, MD, Health Officer, Los Angeles City Health Department, 111 East First Street, Los Angeles 12, California.

INDUSTRIAL PHYSICIAN—CALIFORNIA LICENSED; association with well-known industrial surgeon southern California. Helen Buchan, Continental Medical Bureau Agency, 510 West 6, Los Angeles 14. C

WANTED — ASSISTANT AND LATER TAKE OVER general practice; no big money required; must call for interview. Box 2020 C, % AMA.

GENERAL PRACTITIONER — NAVARRO COUNTY, Corsicana; opportunity for general practitioner who is primarily interested in medicine or pediatrics in a 6 doctor clinic in a town of 25,000, wth an area of 60,000 population; 4 general practitioners have recently built a modern clinic; each doctor has an office and 2 examining rooms; the equipment includes X-ray, laboratory, cystoscopic, physiotherapy, operating room and recovery rooms; these men have their individual practices and share the facilities; a new 100 bed city-county hospital open staff, is available. (North Central Texas) Altitude: 300-500 Ft. annual rainfall: 36:91 inches, temperature average: January 47°, July 84°, mena ann: 66.° Contact: Dr. R. L. Campbell, 205 S. 15th Street, Corsicana, Texas. C

WANTED—A CERTIFIED PSYCHIATRIST; OR ELIgibility therefor; as director of a clinic in a strictly college environment; at least one half of the work is of a counselling nature with students of a teachers college and a polytechnical college; the other is with children from a wide school area and of an experimental school; there is some privilege for private practice; salary open within limits. Address your inquiry to: Joseph E. Barrett, MD, Commissioner, Department of Mental Hygiene & Hospitals, 9 North 12th Street, Richmond, Virginia. C

WANTED—ORTHOPEDIC SURGEON TO HEAD DEpartment; medium sized; well established; midwest group composed of diplomates with university hospital background; new clinic building just in rear of voluntary non-profit hospital; vacation; study; and meeting leave with pay; sickness and retirement plans; outstanding man; at least eligible for Boards, and preferably university hospital trained, required. Box 1989 C, % AMA.

WANTED — ASSOCIATE IN ANESTHESIOLOGY; Board or Board qualified; excellent opportunity in 30 bed, closed staff hospital*+ for clinical anesthesia, and some research if desired; present department consists of MD and 4 nurses; work volume over 5000 cases per year exclusive of OB analgesia; with constantly increasing volume, necessitating expansion of department. For particulars write: J. Morgan Schwab, MD, Chief of Department of Anesthesiology, Geisinger Memorial Hospital and Foss Clinic, Danville, Pennsylvania. C

MEDICAL OFFICER—GLENN DALE HOSPITAL, THE tuberculosis hospital for the District of Columbia; salary $9000 to $10,300 per annum depending on qualifications; sick leave, annual leave, and retirement benefits; satisfactory completion of 1 year of approved residency in pulmonary diseases or internal medicine, or comparable experience required; must be eligible for licensure in District of Columbia; outpatient clinic service connected with hospital. Address inquiries to: Medical Director, Glenn Dale Hospital, Glenn Dale, Maryland. C

PATHOLOGIST—VA HOSPITAL+, HINES, ILLINOIS, has vacancy for full-time Board eligible or certified pathologist in very active large general hospital; must be U. S. citizen; salary dependent on qualifications up to $13,760; clinical laboratory equipped with finest and latest instruments if interest lies in clinical pathology; will assist in teaching the pathology, surgical and medical residents in the department. Apply: Director, Professional Services, V. A. Hospital, Hines, Illinois. C

GENERAL PRACTITIONER—FOR STAFF OF GROUP practice clinic; serving membership of over 20,000 in Washington D. C.; department heads and many other staff members have American Boards; prefer man with 2 years general internship and graduate of grade A medical school; annual salary open; 1 month vacation; study leave; sick leave; comprehensive retirement plan. Write to: Medical Director, Group Health Association, 1025 Vermont Ave., N.W., Washington 5, D. C. C

STAFF PHYSICIAN—FOR SURGICAL SERVICE OF 256 bed VA tuberculosis hospital; thoracic surgery experience preferred but general surgeon desiring thoracic surgical training acceptable; staff salaries $7570-$12,685 depending on qualifications; U. S. licensure and citizenship required; city located in southern resort area of Wisconsin 15 miles from Milwaukee. Write: Manager, VA Hospital, Waukesha, Wisconsin. C

PROGRESSIVE, 4600 BED STATE MENTAL HOSPITAL in Virginia is expanding its staff; applicants must be eligible for licensure in Virginia; salaries range from $8400 per year to $12,000 depending upon psychiatric experience; all modern methods of treatment; opportunities for research, good retirement plan; send full resume in 1st letter. Apply to: Brian C. Campden-Main., MD, Box 271, Petersburg, Virginia. C

VACANCIES—SENIOR PHYSICIANS WITH MINIMUM of 3 year psychiatric experience; excellent opportunities for advancement; salary range $8,340-$10,200; dependent upon experience; annual increments; nominal deduction for complete family maintenances; fully approved large eastern mental hospital+ with 3 year accredited residency training progress; must be eligible for licensure in Connecticut. Box 1953 C, % AMA.

INTERNIST—CARDIOLOGIST; MASSACHUSETTS Licensed; exceptional opportunity; Board man preferred; begin as salaried associate for 3 months, then must purchase fully-equipped, active lucrative practice in large Massachusetts city; terms arranged; must be available immediatly; unusually positive opportunity for right man. Box 2000 C, % AMA.

WANTED—CHIEF PHYCHIATRIST; BOARD CERTIfied or Board eligible preferred; 254 bed general medical and surgical hospital; 26 beds allotted to N.P. service; service supervised by Board certified consultant in neuropsychiatry; hospital located at home of University of Arkansas and in heart of the Ozarks. Contact: Manager, VA Hospital, Fayetteville, Arkansas. C

(Continued on page 86)

recognized

as a potent, specific anti-arthritic

established

by over 100 million patient days

substantiated

in more than 700 published reports

BUTAZOLIDIN®

(phenylbutazone GEIGY)

potent, specific anti-arthritic

Based on an impressive background of achievement attained over a period of four years involving both long-term and short-term therapy in all the major forms of arthritis, BUTAZOLIDIN is recognized as one of the most effective anti-arthritic agents currently available.

relieves pain

improves function

resolves inflammation

BUTAZOLIDIN being a potent therapeutic agent, physicians unfamiliar with its use are urged to send for literature before prescribing it.

GEIGY

GEIGY PHARMACEUTICALS, Division of Geigy Chemical Corporation, New York 10, N. Y.

WHITE'S COD LIVER OIL CONCENTRATE TABLETS

May be chewed like candy

New Improved Formula:
White's Cod Liver Oil Tablets now provide 4,000 U.S.P. Units of Vitamin A and 400 U.S.P. Units of Vitamin D per tablet--the equivalent of one teaspoonful of U.S.P. cod liver oil.

And for your older patients: high potency
WHITE'S COD LIVER OIL CONCENTRATE CAPSULES—
12,500 Units of Vitamin A and 1250 Units of Vitamin D.

WHITE LABORATORIES, INC. **KENILWORTH, N. J.**

(Continued from page 84)

PSYCHIATRIST WANTED — TO JOIN STAFF OF diagnostic clinic and general hospital+; must be Board eligible; excellent salary, retirement plan, apartment available for couple; hospital located in the Finger Lakes area upstate New York. Apply: B. A. Watson, MD, Superintendent, Clifton Springs Sanitarium and Clinic, Clifton Springs, New York. C

GENERAL PRACTITIONERS WANTED—TO ASSOCIate with medical group 20 miles north of Pittsburgh; excellent educational program; net starting income $12,000-$15,000 based on training and experience; paid annual vacation and study period; ample rotation of evenings and weekends; no investment required. Write: Box 344, Russellton, Pennsylvania. C

NEW MEXICO — ASSOCIATE GENERAL PRACTICE with obstetrics-gynecology Board eligible man; opportunity for future establishment small clinic; salary start; percentage after 6 months; beautiful year-round, sunny, dry, warm southwest city, 5000 feet elevation. Ray C. Bitterlich, MD, 142 Truman Avenue, Albuquerque, New Mexico. C

WANTED — OBSTETRICIAN-GYNECOLOGIST; MUST be young male; well-trained, Board certified or Board eligible; interested in a full-time salaried appointment as associate on OB-GYN staff of 300 bed general hospital+ and large new clinic building. Write to: R. E. Nicodemus, MD, Geisinger Memorial Hospital, and Foss Clinic, Danville, Pennsylvania. C

WANTED—PHYSICIAN INTERESTED IN INTERNAL medicine; new ultra modern 100 bed GM&S hospital; modern 2 bedroom apartment available; salary up to $14,000 depending upon qualifications; our chiefs of medicine and surgery are both Board men. Apply: M. J. Robertson, MD, Manager, Veterans Administration Hospital, Miles City, Montana. C

PHYSICIAN—TO WORK ON MEDICAL AND SURGIcal service, Boston State Hospital+; excellent facilities; top flight specialist supervision; opportunity for some participation in training for residents in psychiatry. Apply to: Walter E. Barton, MD, Superintendent, 591 Morton Street, Boston 24, Massachusetts. C

GENERAL PRACTITIONER—WANTED IMMEDIATEly; take over well-established practice recently deceased doctor; Catskill Mountains; 3 room well-equipped office space Main Street level for rent or sale; 50 room modern hospital in town; 25 mile radius rural practice. Mrs. F. W. Bruell, Margaretville, New York, 0131. C

WANTED — YOUNG PHYSICIAN; INTERESTED IN working with a group of young doctors for 3 or 4 months, or less; in southern West Virginia general and industrial practice; not over 35; 1 year of rotating internship required; some chance of permanent employment. Box 1891 C, % AMA.

GENERAL PRACTITIONER—FOR COMPANY OWNED village in southwest Louisiana; population 1500; permanent salaried position; nurse employed full time; air-conditioned clinic; furnish details of training and experience, references, etc. Write: H W. Mele, Morton Salt Company, Weeks Island, Louisiana. C

WANTED—PHYSICIAN INTERESTED IN PHYSICAL medicine and rehabilitation; to serve as assistant to chief of service (Diplomate of American Board) in large Dean's Committee VA Hospital+; residency in P.M.& R. also available. Apply: Personal Officer, VA Center, Dayton, Ohio. C

RADIOLOGIST—IMMEDIATE OPENING; OHIO VALley; unusual opportunity; associate with 2 radiologists; 500 bed hospital; all new equipment with rotational cobalt; prefer man with strong therapy interest; excellent income level 1st year rapidly leading to full partnership. Box 1938 C, % AMA.

MEMBER CLINIC IN PACIFIC NORTHWEST UNIversity city of approximately 400,000 desires the services of Board eligible or certified otolaryngologist; salary open; full partnership and many other fine advantages and outstanding opportunities for the right man; prefer man under 35 years of age. Box 1896 C % AMA.

WANTED—ASSISTANT SURGEONS; TO WORK WITH a large, busy surgical group beginning January 1, 1957; preference given if time can be applied as preceptorship for American Board of Surgeons; considerable opportunity to perform major surgery; California license required before accepting position. Box 1954 C, % AMA.

ORTHOPEDIC SURGEON — CALIFORNIA; BOARDS or eligible; for association with established Board orthopedic surgeon leading to partnership; start $15,000 per year; send qualifications and plan personal visit to J. Howard Varney, MD, 1801 28th Street, Bakersfield, California. C

GENERAL PRACTITIONER—MINING COMMUNITY, southwest; good location, housing, schools; salary $800 per month with $100 increase at end of 1 year; another $100 at end of 2nd year; private practice $500 month. Box 1712 C, % AMA.

WANTED — GENERAL PRACTITIONER; ESTABlished unopposed practice, prosperous Iowa farming community, between hospitals in Jefferson and Carroll; new functional 6 room office; $60 rental; housing available. Lyons Club assistance. D. M. Nixon, Scranton, Iowa. C

INTERNIST—BOARD QUALIFIED; TRAINED OR INterested in entering allergy; male or female; research interest and background preferable; full partnership within 3 years. J. M. Rose, MD, 215 Hermann Professional Building, Houston, Texas. C

INTERNISTS AND GENERAL MEDICAL PHYSICIANS wanted—2400 bed hospital+; hourly commuting distance Chicago; salary ranges $7570-$11,610, depending upon qualifications. Write: Manager, Veterans Administration Hospital, Downey, Illinois. C

WANTED—AMERICAN BOARD SPECIALISTS; PHYsicians interested in group or private practice, teaching, research, public health or industrial medicine; National and International services. Burneice Larson, Director, Medical Bureau, Palmolive Building, Chicago. C

RESIDENT PHYSICIAN — NEW YORK STATE LIcense, or one eligible to take State Board; for 80 bed general hospital; one with obstetrical anesthesis experience preferred; average salary $500 monthly. Box 1951 C, % AMA.

CALIFORNIA MEDICAL BUREAU AGENCIES—FTR physicians placements, and hospitals and medical properties for sale. 405 E. Green Street, Pasadena, California, and 610 S. Broadway Street, Los Angeles 14, California. C

SOUTH CENTRAL FLORIDA — GENERAL PRACTItioner wanted; to take over office of retired doctor; fully-equipped 6 room office, including intact patient records and accounts receivable; rent $50 per month. For details contact: A. L., 67 N. Ridgewood, Sebring, Florida. C

WANTED — WELL-QUALIFIED GENERAL PRACTItioner; immediately; for town of 1000; northeast Wyoming, drawing area 2500; new modern clinic; reasonable rent or buy; available housing facilities; new modern hospital available 30 miles. Box 468, Upton, Wyoming. C

ASSISTANT IN GENERAL PRACTICE — MARRIED man preferred; salary $12,000 a year then partnership or percentage; must be licensed in Minnesota or a state that reciprocates with Minnesota, or has National Board license; partnership after 1 year. Box 1922 C, % AMA.

WANTED—PEDIATRICIAN, RADIOLOGIST, INTERnist, small expanding group Great Lakes area; want men capable taking charge hospital department; salary open; 1 month vacation; prefer man interested in research and teaching. Box 2009 C, % AMA.

98 BED GENERAL HOSPITAL NEEDS HOUSE PHYsician now—to assist in surgery and handling emergencies; eligible for Texas licensure; $350 per month plus full maintenance. Write or Call: Administrator, Bethania Hospital, Wichita Falls, Texas. C

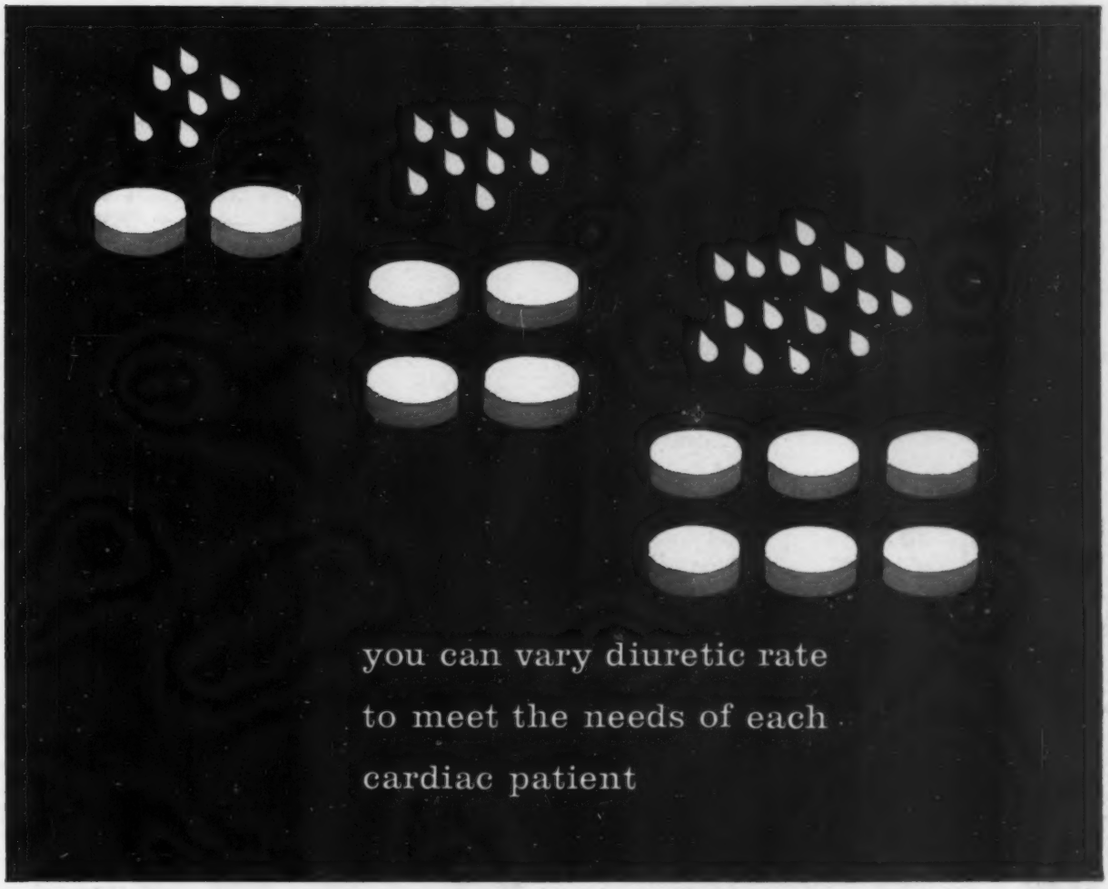
WISH AN ASSOCIATE IN LARGE PRACTICE NEAR Washington, D. C.; salary for the first year $12,000 with excellent opportunity for permanent association; no obstetrics or surgery; practice is large and varied. Box 1988 C, % AMA.

WANTED — GENERAL PRACTICE ASSOCIATE; young man preferred with Pennsylvania license; to assist physician doing general practice and surgery who has recently had coronary attack; location southeastern Pennsylvania. Box 1935 C, % AMA.

OTOLARYNGOLOGIST — POTENTIAL PARTNERSHIP offered, should 1 year employment period prove satisfactory to both parties; salary during employment commensurate with experience and qualifications. Box 1943 C, % AMA.

PSYCHIATRIST—TO HEAD UP MENTAL HYGIENE sub-clinic in Arizona; salary will depend on qualification. Contact: Manager, Veterans Administration Hospital, Phoenix, Arizona. C

(Continued on page 88)



YOUR PATIENT NEEDS AN ORGANOMERCURIAL

Diuresis produced by "therapeutic" acidosis is limited by fixed-dosage, once-a-day schedules, or every-other-day administration, to avoid refractoriness.

Dosage of the organomercurial diuretics need *not* be limited for these reasons, and may be varied to meet the changing needs of each patient.

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NEOHYDRIN®

BRAND OF CHLORMERODRIN (16.3 MG. OF 3-CHLOROMERCURI-2-METHOXY-PROPYLUREA EQUIVALENT TO 10 MG. OF NON-IONIC MERCURY IN EACH TABLET)

a standard for initial control of severe failure

MERCUHYDRIN® SODIUM
BRAND OF MERALLURIDE INJECTION

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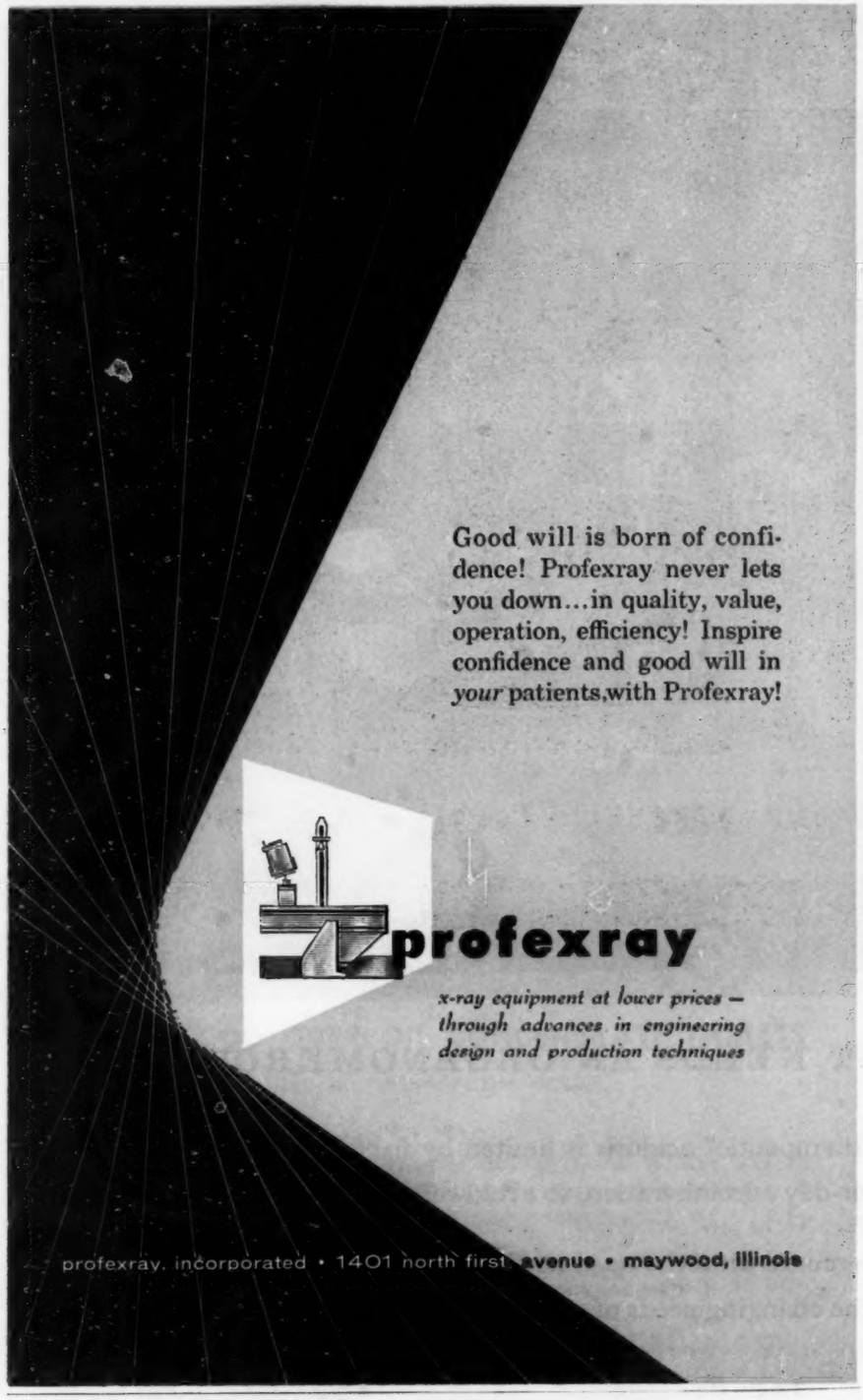
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(Continued from page 86)

ASSOCIATE WANTED — MUST BE WELL-TRAINED and experienced in obstetrics and gynecology; starting salary $12,000 per year. Metairie Hospital, 310 Codifer Blvd, Metairie, Louisiana. C

STAFF PHYSICIAN — STATE SCHOOL FOR THE Mentally deficient and retarded: house with full maintenance and salary. Apply: Superintendent, Grafton State School, Grafton, North Dakota. C

WANTED — BOARD QUALIFIED OBSTETRICIAN-Gynecologist; splendid opportunity in 10 man Iowa group with liberal starting salary and eventual partnership. Box 1867 C, % AMA.

GENERAL PRACTITIONER—AGE UNDER 35; TO REplace retiring MD; a group practice; population ½ million; Ohio license; $10,000 for 1st year assured while developing your own practice. Box 1973 C, % AMA.

WANTED — PEDIATRICIAN; BOARD QUALIFIED; eight man group; well-established in growing Gulf Coast area; guarantee 1st year, full partnership in 5 years. Box 1833 C, % AMA.

GENERAL PRACTITIONER OR INTERNIST—GROUP association with a 40 bed clinic-hospital group; salary with increase with percentage. Piggott Hospital Association, Inc., Piggott, Arkansas. C

WANTED — INTERNIST; BOARD QUALIFIED OR certified; 10 man group in Mid-West has staff opening; liberal salary with eventual partnership. Box 1547 C, % AMA.

ANESTHESIOLOGIST — APPOINTMENT AVAILABLE in voluntary hospital*; Westchester County. Apply: Executive Director, Lawrence Hospital, Bronxville, New York. C

RADIOLOGIST—CERTIFIED OR ELIGIBLE; ASSOciate with 2 diplomates in office, hospital and clinic in Chicago; salary to start leading to partnership. Box 1996 C, % AMA.

WANTED—GENERAL PRACTITIONER; TO BUY OR lease 7 room, modern, equipped office; large practice, gross $40,000; wealthy modwest valley; leaving to specialize. Box 1930 C, % AMA.

DIRECTOR OF HEALTH—FOR THE CITY OF WATERbury, Connecticut; must have degree and experience in public health administration and be eligible for Connecticut licensure. C

WANTED — GENERAL PRACTITIONER; FOR TEN man group in Mid-West; liberal salary with eventual partnership. Box 1548 C, % AMA.

WANTED—AS ASSOCIATE CAPABLE IN EENT; FOR a very large and lucrative practice to be relinquished to the associate in short time. Box 1966 C, % AMA.

EXPERIENCED OPHTHALMOLOGIST—BOARD CERtified; needed to head department; large eastern clinic. Apply to: Box 1616 C, % AMA.

WANTED—FULL TIME PHYSICIAN FOR RAILWAY; must be eligible for license in Virginia, West Virginia and Ohio, and under age 55. Box 1809 C, % AMA.

WANTED—OBSTETRICIAN-GYNECOLOGIST; BOARD eligible; to join 7 man group in college town of 20,000 with accredited hospital. Box 1893 C, % AMA.

WANTED—ASSOCIATE IN GENERAL AND TRAUmatic surgery; Chicago, Illinois. Box 1557 C, % AMA.

INTERNS AND RESIDENTS WANTED

*The * signifies a hospital approved for internships and the + approved for residencies in specialties by the Council on Medical Education and Hospitals of the A. M. A. Consult Council's approved list for types of internships and residencies approved.*

APPROVED PSYCHIATRIC RESIDENCY — 500 BED hospital+ in Chicago medical center; Dean's Committee supervised didactic-clinical program on 95 bed psychiatry and neurology service, affiliated with University of Illinois, Loyola University, Chicago Medical School, Institute Juvenile Research, County Psychopathic Hospital, and large outpatient clinic. Write: Manager, Veterans Administration West Side Hospital, 820 South Damen, Chicago 12. D

RESIDENT OR HOUSE PHYSICIAN — REQUIRED immediately: for 75 bed general, non-profit hospital; hospital approved by Joint Commission on Accreditation but residency not approved by AMA Council on Medical Education; will accept graduate of approved foreign medical school seeking to familiarize himself with American practice; salary $300 monthly and full maintenance. Contact: Intern Committee, Union Hospital, Elkton, Maryland. D

PATHOLOGY, MEDICINE, PEDIATRICS—RESIDENcies in these specialities available in 600 bed teaching hospital*+, university affiliated; 4 year approval clinical and pathological anatomy, leading to M S degree; medicine residency after 3 years leading to M S degree and pediatrics residency for 2 years; $2100 to $2700; meals on duty Apply: Director of Residencies, St. Joseph's Hospital, Omaha, Nebraska. D

RESIDENT PHYSICIAN — RADIOLOGY POSITIONS available November 1, 1956 and April 1, 1957; include therapy and radioactivity isotopes; fully approved. Apply now to: William D. Evans, MD, Ass't. Medical Director, Los Angeles County General Hospital*+ 1200 N. State Street, Los Angeles 33, California. D

AVAILABLE RESIDENCIES — WOMAN'S HOSPItal+; 125 beds; specialized; obstetrics; gynecology; fully approved 3 year residency; 4,666 deliveries, 2,999 operations, 19,000 clinic visits 1955; selections during November for July 1, 1957; maintenance $150, $175, $200. Columbia Hospital For Women, Washington 7, D. C. D

EXCELLENT APPROVED RESIDENCY IN RADIOLogy available January 1, 1957, Veterans Administration Hospital+, Denver, Colorado; affiliated Colorado University School of Medicine; salary $2840; citizenship required. Dr. Oren T. Skouge, Director, Professional Services. D

RESIDENCY IN PATHOLOGY—POSITION AVAILable immediately; approved AMA; 106,000 laboratory procedures; 190 autopsies; stipend $100 per month with completely furnished apartment adequate for family. Apply: Ravenswood Hospital*+—% Pathologist, Chicago 40, Illinois. D

MEDICAL RESIDENCIES—2 CHIEF RESIDENT AND 1 first year resident positions available now; 455 bed hospital*+; 3 year approved medical residency training program with organized curriculum and active out-patient clinics. Apply: Medical Superintendent, Lincoln Hospital, 320 Concord Avenue, Bronx 54, New York. D

ANESTHESIOLOGY RESIDENCIES — AVAILABLE now; fully approved, active clinical and teaching program; approved internship required. Apply to: C. H. Gallup MD, Alameda County Highland Hospital*+, Oakland 6, California. D

FULLY APPROVED RESIDENCIES — THREE YEARS in internal medicine; 3 years in pathology, 2 year approved; all teaching by diplomates; joint program of an educational and research foundation with an accredited hospital+ in a large southwestern city. Box 2038 D, % AMA.

ORTHOPEDIC RESIDENCY — AVAILABLE IMMEDIately; AMA approved for full training in adult and children's orthopedics and fractures; stipend first year residents $325 per month. Apply: Chief of Orthopedics, Orange Memorial Herpital+, Orlando, Florida. D

SURGICAL RESIDENCY — FIRST YEAR LEVEL; DUE to unexpected vacancy in approved 4 year program; only 1 vacancy exists; 275 bed hospital; $200 per month plus $40 if married, apartments 4 and 5 rooms at cost. Box 2037 D, % AMA.

UROLOGY RESIDENCY—DUE TO ILLNESS WE HAVE one 3 year residency in urology available at this time; applicant with 1 year general surgery residency credit preferred. Box 2012 D, % AMA.

GENERAL PRACTICE RESIDENCY—FULLY APproved 2 year program; 3 positions available immediately; maintenance plus salary. Apply to: Administrator, Sharon General Hospital*+, Sharon, Pennsylvania. D

THREE YEAR UROLOGY RESIDENCY AVAILABLE—to begin immediately or July, 1957. Write full biography to: Medical Superintendent, Queens Hospital Center,*+ Jamaica, New York. D

(Continued on page 92)

One drop spreads multiple benefits

NEW Topical Lotion

'HYDELTRACIN'

(PREDNISOLONE-NEOMYCIN SULFATE, MERCK)

Patients suffering from allergic dermatoses enjoy immediate anti-inflammatory, anti-allergic, anti-pruritic and anti-infective benefits when 'HYDELTRACIN' is prescribed. This new easy spreading, invisible lotion incorporates the newest effective topical steroid—prednisolone (twice as active as hydrocortisone) plus neomycin—a most effective topical antibiotic. 'HYDELTRACIN' is free of sting, stain, smell, and does not show. It is excellent and economical for effectively treating large, moist or hairy areas, because it is micronized for intimate contact with inflamed tissues.

Supplied: Topical Lotion 'HYDELTRACIN'—0.5 per cent, 15-cc. plastic squeeze bottles. Each cc. contains 5 mg. prednisolone and 5 mg. neomycin sulfate Merck. (Equivalent to 3.5 mg. neomycin base.) 'HYDELTRACIN' is the trademark of Merck & Co., Inc.

MSD

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DIVISION OF MERCK & CO., INC. PHILADELPHIA 1, PA.

surrounded by a monotonous routine of daily problems,

disappointments and responsibilities . . .

to help the depressed and anxiety-ridden housewife who is surrounded by a monotonous routine of daily problems, disappointments and responsibilities . . .

With 'Dexamyl' you can often help her to face her problems; help her to regain lost interests; help her to rediscover the zest and purpose in life.
The salutary effect of 'Dexamyl' is free of the dullness caused by many "anti-anxiety" agents alone; free of the excitation sometimes caused by stimulants alone.
Her mood improved, the disturbing mental and physical symptoms often vanish.

DEXAMYL*

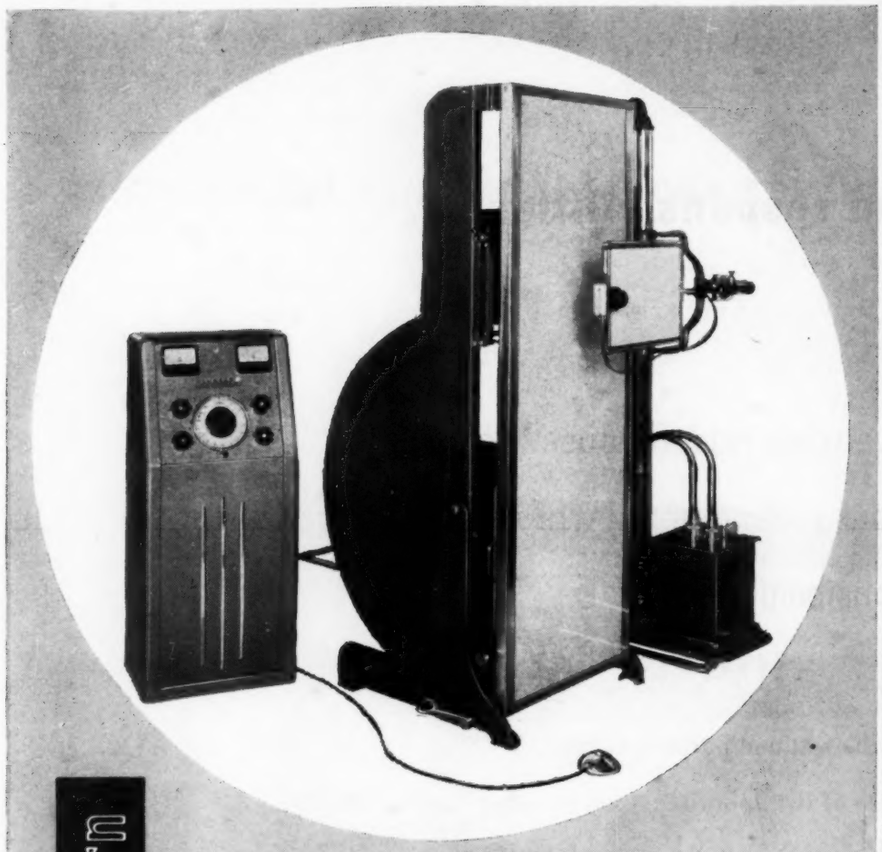
tablets • elixir • Spansule† capsules

smoothly and subtly relieves both anxiety and depression

Each 'Dexamyl' Tablet and each teaspoonful (5 cc.) of the Elixir contains Dexedrine* (dextro-amphetamine sulfate, S.K.F.), 5 mg., and amobarbital, ½ gr.
'Dexamyl' *Spansule* capsules are available in two strengths: 'Dexedrine', 15 mg., and amobarbital, 1½ gr.; 'Dexedrine', 10 mg., and amobarbital, 1 gr.

Smith, Kline & French Laboratories, Philadelphia

*T.M. Reg. U.S. Pat. Off.
†T.M. Reg. U.S. Pat. Off. for sustained release capsules, S.K.F.



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the low priced **ROYAL 100** or **200 MA**
radiographic-fluoroscopic type
tilt-table **X-RAY UNIT** with rotating anode tube

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(Continued from page 88)

THREE YEAR APPROVED PSYCHIATRIC RESIdencies — university teaching hospital*+; integrated training program; supervised psychotherapy, seminars, lectures, research opportunities; psychoanalytic, psychosomatic, social science approaches; opportunity for advanced experience in child psychiatry, psychoanalysis; stipends $3,215, $3,725, $4,325, $5,501. Contact: Dr. George C. Ham, Psychiatric Training and Research Center, North Carolina Memorial Hospital, Chapel Hill, North Carolina. D

RESIDENCIES IN PSYCHIATRY — BOWMAN GRAY School of Medicine+; approved 3 year training; experience in somatic therapies, psychotherapy, out-patient department, acute intensive in-patient unit in general hospital, as well as in Graylyn Psychiatric Hospital; recently opened geriatric unit; affiliation with child guidance clinic, neurology and neuropathology clinics; limited opportunity for research available; openings starting July 1, 1957. Contact: Richard C. Proctor, MD, Director, Graylyn, Winston-Salem, North Carolina. D

RESIDENCIES IN OPHTHALMOLOGY — THE DEpartment of ophthalmology of the Royal Victoria Hospital, Montreal, offers approved residencies of 3 years' duration; clinical and didactic instruction in all phases of ophthalmology; previous rotation service and graduation from approved medical school required; appointments available to commence July 1, 1957; salary and maintenance. For information, apply to: Executive Director, Royal Victoria Hospital, Montreal 2, Canada. D

RESIDENCIES AVAILABLE—MODERNLY EQUIPPED 516 bed, GM&S, fully approved VA Research Hospital+; affiliated with Northwestern University Medical School; openings now for residents in internal medicine, general surgery, pathology, physical medicine and rehabilitation, diagnostic and therapeutic radiology; must be U. S. citizens and graduates of approved schools; stipend $2840-$3550. For information write: Director, Professional Services, VA Research Hospital, 333 E. Huron St., Chicago 11, Illinois. D

RESIDENCIES AVAILABLE—INTERNAL MEDICINE; 3 year Board approval; recently activated general medical-surgical Veterans' Administration Hospital+ affiliated through Deans' Committee with 5 medical schools; academic atmosphere; clinical clerk program; affiliation with Bellevue Hospital for experience on women's medical wards; radioisotope and research laboratories available; citizenship requirement. Contact: Director, Professional Services, VA Hospital, 408 First Avenue, New York City. D

RESIDENCIES IN PSYCHIATRY—DUKE UNIVERsity*+; 3 year approved; complete patient and research facilities; closely supervised, analytically oriented psychotherapy and somatic therapy; adult and children's OPD; training in psychosomatic medicine and neurology; minimum starting salary $2400 plus room and board, uniforms and other financial aid. Write: Chairman, Department of Psychiatry, Duke University, Durham, North Carolina. D

PSYCHIATRIC RESIDENCIES — IN A GENERAL Medical and Surgical Veterans Administration Hospital, affiliated with the University of Michigan; offering a fully-accredited 3-year, well-balanced didactic and seminar program; opportunity for experience in an approved new children's residential psychiatric treatment center. For further information write: Dr. Paul M. Ireland, Manager, Veterans Administration Hospital, Ann Arbor, Michigan. D

APPROVED PATHOLOGY RESIDENCIES — AVAILable immediately in 443 bed general hospital*+ affiliated with Columbia Presbyterian Medical Center in New York City; 2 years approved residencies under 2 full time Board certified pathologists; closely supervised teaching program with active surgical, gynecological, and clinical pathology, hematology, and high autopsy rate. Inquire: Director of Laboratories, The Roosevelt Hospital, 428 West 59th Street, New York 19, New York. D

RESIDENCY—INTERNAL MEDICINE; 1100 BED GENeral hospital+; 3 year; 2 1st year vacancies; teaching unit, Baylor University College of Medicine; female, private, out-patient medicine; includes all subspecialties under supervision of Board certified specialists; stipend $2840-$3550; radioisotopes, research, pulmonary function etc.; citizenship required. H. D. Bennett, MD, VA Hospital, Houston, Texas. D

MIXED RESIDENCY—ONLY THOSE ELIGIBLE FOR license in State of Pennsylvania need apply; new 300 bed hospital 35 miles from Pittsgurgh; out-patient department; application pending approval interns; excellent quarters; salary $5400 annually, plus maintenance. Write details of training and experience to: Administrator, Butler County Memorial Hospital, Butler, Pennsylvania. D

PSYCHIATRY — STAFF AND RESIDENCY VACANcies; approved 3 year psychiatric residency in conjunction with Northwestern University Medical School; extensive training programs in related fields; staff salary $7570-$11,610, depending upon qualifications; 25% additional if Board certified; hourly commuting distance Chicago. Write: Manager, Veterans Administration Hospital+, Downey, Illinois. D

INTERNSHIP APPOINTMENTS—12 MONTHS ROTATing; wanted immediately; 390 beds and 45 bassinets; over 42% of medical staff Board certified specialists; full laboratory facilities with approved use of radioactive iodine phosphorous, AU 198; approved residency program in urology, surgery, medicine, OB-GYN; $300 per month. Administrator, Orange Memorial Hospital*+, Orlando, Florida. D

MEDICAL RESIDENCY—ONE YEAR, BOARD APproved; experience in hematology, clinical use of isotopes, oral endoscopy, chemotherapy of neoplasia, and general medicine; salary $300 per month. Write to: Dr. C. D. Howe, Chief of Medicine, The University of Texas M.D. Anderson Hospital and Tumor Institute,+ Houston, Texas. D

SURGICAL PATHOLOGY FELLOWSHIPS — TWO VAcancies commencing July 1, 1957; 1 year appointment fully approved; over 10 000 surgicals annually; $3000 stipend; 2 years prior training in anatomic pathology required; candidates must be graduates of class A medical school. Write: Dr. Saul Kay, Medical College of Virginia, Richmond, Virginia. D

PATHOLOGY RESIDENCY — AVAILABLE IMMEDIately; fully approved 4 year program in anatomical and clinical pathology; stipend $375 per month; prefer resident interested in pathology career; 275 bed general hospital*+ in Virginia; 150 autopsies, 5,500 surgicals, 100,000 laboratory examinations; 2 full time pathologists. Box 1964 D, % AMA.

FULLY APPROVED TWO YEAR ANESTHESIOLOGY residency—320 bed non-sectarian, non-profit hospital+; stipend $300 month; California license or eligible. Apply: E. C. DeLear, Asst. Administrator, St. Francis Memorial Hospital, 900 Hyde Street, San Francisco 9, California. D

RADIOLOGY RESIDENCIES — FULLY-APPROVED 3 year residencies in radiology available; 30,000 diagnostic examinations and 7,000 therapy treatments per annum; active department under full time direction. Direct inquiries to: Dr. S. Schwartz, Jewish Hospital+ of Brooklyn, 555 Prospect Place, Brooklyn, New York. D

ANESTHESIOLOGY RESIDENCIES—AT UNIVERSITY of Minnesota Hospitals, Minneapolis Veterans Administration Hospitals and associated hospitals; an opening every 4 weeks. Address: Frederick H. Van Bergen, MD, Director of Anesthesiology, University of Minnesota Hospital, Minneapolis, Minnesota. D

PEDIATRIC RESIDENCY — IMMEDIATE APPOINTment available; inquiries are invited. Apply to: Dr. Jules Klein, Director, Department of Pediatrics, % Registrar, Medical Education, Jewish Hospital Association*+, Cincinnati 29, Ohio. D

ANESTHESIA RESIDENT — IMMEDIATE OPENING; 388 bed approved hospital*+; 4 physician anesthesiologists in department. Flushing Hospital & Dispensary, 44-14 Parsons Blvd., Flushing, Long Island, (Miss Young). D

APPROVED TWO YEAR RESIDENCY ANESTHESIOLogy—university hospital*+; available immediately; must be graduate AMA approved medical college. Apply: John L. Barmore, MD, Director Anesthesiology, University of Nebraska College of Medicine, Omaha, Nebraska. D

TWO YEAR GENERAL PRACTICE RESIDENCY — minimum of $300 per month plus meals and family allowance; excellent medical staff in modern hospital*+ in Detroit suburb. Director's Office, Oakwood Hospital, Dearborn, Michigan. D

RESIDENT FOR GENERAL PRACTICE—MODERN, 120 bed hospital; 30 bassinets; rural community; JCAH accredited; assignment 1 year; salary open. Contact: Mr. Lee Nichols, Administrator, Kent County Memorial Hospital, 455 Toll Gate Road, Warwick, Rhode Island. D

SURGICAL RESIDENCY AVAILABLE—TO GRADUates of approved American medical schools on January 1, and July 1, 1957; at Hamot Hospital,*+ Erie, Pennsylvania; a 441 bed general hospital; stipend $200 per month plus full maintenance. D

(Continued on page 94)

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(Continued from page 92)

ANESTHESIOLOGY RESIDENCIES—APPROVED TWO year active teaching program; full maintenance and stipend; 1 year approved internship required. Apply to: Meyer Saklad, MD, Rhode Island Hospital,*+ Providence 2, Rhode Island. D

ASSISTANT RESIDENT — FIRST YEAR LEVEL OF surgical training; immediate opening; qualified American only; 4 year fully approved program. Apply: Director of Surgery, Franklin Square Hospital*+, 100 No. Calhoun Street, Baltimore 23, Maryland. D

NEUROSURGICAL RESEARCH RESIDENCY FELLOWship—now available; coordinated with approved 4 year neurosurgical residency program; advanced graduate degree obtainable. Department of Neurological Surgery, Medical College of Virginia, Richmond, Virginia. D

PSYCHIATRIC RESIDENCY—SEVERAL OPENINGS July 1957; for beginning or advanced training approved 3 year program. Department of Psychiatry, U.C.L.A. Medical Center,*+ Los Angeles 24, California. D

WANTED — RESIDENT PHYSICIAN; FOR FULLY-approved EENT hospital+; combinated service for 4 years; starting salary $300 per month with maintenance; give full details in 1st reply. Box 9734 D, % AMA.

PSYCHIATRIC RESIDENCIES — APPROVED AMA+; up to $8280 to start; housing; time off for psychoanalysis; Boston area. Box 1889 D, % AMA.

WANTED — RESIDENTS IN PSYCHIATRY; THREE year approved residencies available; large eastern mental hospital+; excellent teaching program therapeutic procedure; $5,280-$6,600. Box 1952 D, % AMA.

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FULL PARTNER WANTED—FOR FOUR MAN GROUP; to do general surgery and some general practice and/or obstetrics; fully-equipped office; local hospital; rural community, New York State. Box 1956 F, % AMA.

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WANTED—LOCUM TENENS; ST. LOUIS; LARGE practice; includes general and industrial surgery and some general practice; January 15th to April 15, 1957; state qualifications and give references. Write: Box 2018 G, % AMA.

NORTHERN MINNESOTA — UNTIL JULY, 1957; large, lucrative general and surgical practice in community with hospital; lovely recreational area; token rental only cost; possible purchase or association later. Box 1955 G, % AMA.

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SMALL TOWN AAGP 40; KANSAS GRADUATE; grossing $30-35,000; in sharp competition; desires change of location to Midwest-West; to improve educational opportunities for my children; association with individual or clinic; can do obstetrics, abdominal, emergency, gynecology, and some traumatic surgery; personal interview available. Box 1970 I, % AMA.

INTERNIST — CERTIFIED; 38; MARRIED; FAMILY; desires group, clinic, hospital, pharmaceutical, industrial 100 mile radius NYC; experienced entire field; qualified metabolism, clinical research; previous work includes industrial toxicology, workmen's compensation. Box 2024 I, % AMA.

PATHOLOGIST — 42; CERTIFIED PATHOLOGIC anatomy; experienced in cytology, clinical pathology, and medical photography; capable of directing department; now associate pathologist; special interest obstetrical and gynecological pathology; New York, Massachusetts, Michigan licenses. Box 2022 I, % AMA.

OBSTETRICIAN-GYNECOLOGIST — 33; FAMILY; Board qualified; desires location or association with individual or group; East coast preferred; DNB; military service completed; private practice experience. Box 2030 I, % AMA.

GENERAL PRACTITIONER — EMPHASIS, GENERAL surgery; California licensed; age 45; foreign graduate; world war II veteran; member AMA, AAGP, ICS, IND, ASS; 20 years practice middle west; desires relocation California, thru association or purchase of active practice. Box 1998 I, % AMA.

GENERAL SURGEON — 32; BOARD CERTIFIED; family; university trained; private practice; vascular and traumatic experience; completing military obligation; desire association with individual or group; Diplomate National Boards, Box 1797 I, % AMA.

RADIOLOGIST — BOARD CERTIFIED; ASSOCIATE professor in mid-west medical school; considerable experience in hospital radiology; desires responsible hospital position. Box 1822 I, % AMA.

ORTHOPAEDIST — 31; UNIVERSITY TRAINED, AND Part I of Boards completed; desires association with group or other orthopaedist; either coast or Chicago area. Box 2014 I, % AMA

GENERAL PRACTITIONER—MIDDLE AGE, DRAFTee, will have fulfilled military obligations soon; medical residency in medical center completed just prior to service; military assignment utilized previous training well; highest recommendations, military and civilian; no obstetrics, surgery, anesthesia. Box 1927 I, % AMA.

OTOLARYNGOLOGIST — BOARD CERTIFIED; 38; trained in broncho-esophagology; military service completed; desires location in California or other western state; partnership or group preferred. Box 1995 I, % AMA.

GENERAL PRACTICE ASSISTANT—30; CATEGORY IV; (WWII). NYU, 1955; 1 year rotating internship; National Boards and New York license; start immediately $1000 monthly or equivalent room and board. Box 1916 I, % AMA.

SUCCESSFUL GENERAL PRACTITIONER; BOARD preprofessional background; desires position as assistant dean, to direct student health service and to assist in teaching the practice of medicine in a medical school. Box 1846 I, % AMA.

AVAILABLE—AMERICAN BOARD SPECIALISTS TO head departments, join groups, etc.; physicians for private practice, assistants or associates, industry, public health. Please write for recommendations. Shay Medical Agency, 55 E. Washington, Chicago. I

RADIOLOGIST — ISOTOPES; CERTIFIED ACR; 31; MW; married; healthy; taking AFIP fellowship radiologic pathology, DNB, California license, category IV; desires permanent location West Coast; available January 5, 1957; prefer hard work. Box 1948 I, % AMA.

WHEN IN NEED OF AMERICAN BOARD SPECIALists to head departments, physicians for private practice, public health or industry, please write for recommendations. Burneice Larson, Director, Medical Bureau, Palmolive Building, Chicago. I

ORTHOPEDIC SURGEON — 34; FLORIDA LICENSED; Board eligible has Part One; navy veteran; wide experience trauma, rehabilitation surgery; desires immediate Florida association with established individual or group. Box 2004 I, % AMA.

WANTED — POSITION AS MEDICAL DIRECTOR INsurance company or industrial plant; South preferred; AMA eligible; age 45; good health; family; 20 years practice surgery and medicine. Box 1999 I, % AMA.

EENT — 39; FAMILY; BOARD ELIGIBLE; BOTH specialties; have California license and desire group practice or association in California. Box 1969 I, % AMA.

ORTHOPEDIST—32; UNIVERSITY TRAINED; PART I and military service completed; desires association with 1 or more orthopedists; east coast area preferred; no groups. Box 1901 I, % AMA.

ANESTHESIOLOGIST — COMPLETING RESIDENCY July 1957; desires permanent group association or partnership in Southeast; will be traveling South in late October for personal interviews. Box 1967 I, % AMA.

GENERAL SURGEON — BOARD QUALIFIED; 35; married; category IV; training urology, orthopedics; desires location alone with individual or group; will do some general practice. Box 1949 I, % AMA.

INTERNIST—31; MAYO TRAINED; BOARD ELIGIble; category IV; radioisotopes and metabolic disease interest and experience; desire clinic association in or near a metropolis. Box 1946 I, % AMA.

(Continued on page 96)

Reports of Clinical Studies

1. "I have used meprobamate in my general psychiatric practice since April, 1955, and believe it to be [a] drug of choice for relief of tension, anxiety and insomnia."

Lemere, F.: Northwest Med. **54:** *1098, 1955.*

2. ". . . the patient [taking Miltown] never describes himself as feeling detached or 'insulated' by the drug. He remains . . . in control of his faculties, both mental and physical, and his responsiveness to other persons is characteristically improved."

Sokoloff, O. J.: A.M.A. Arch. Dermat. In press.

3. "Of special importance is the fact that Miltown does not appear to affect autonomic balance—which in alcoholics is often unstable . . ."

Thimann, J. and Gauthier, J. W.: Quart. J. Stud. Alcohol. **17:** *19, 1956.*

4. "The [relative] absence of toxicity, both subjectively and objectively, is an important feature in favor of Miltown. In addition, there were no withdrawal phenomena noted on cessation of therapy, whether it was withdrawn rapidly or slowly."

Borrus, J. C.: J.A.M.A. **157:** *1596, 1955.*

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Selling, L. S.: J.A.M.A. **157:** *1594, 1955.*

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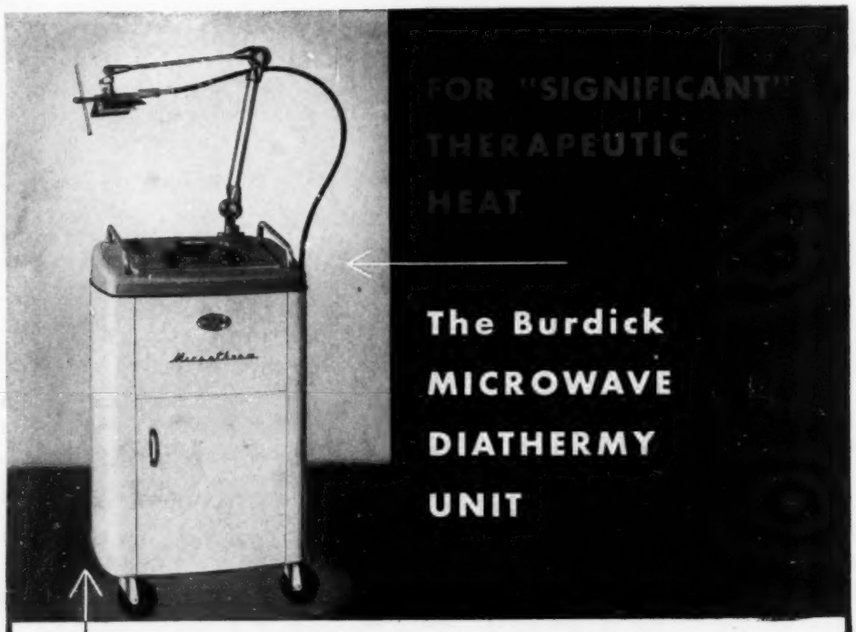

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*Martin, G. M., and Herrick, J. F.: Further Evaluation of Heating by Microwave and by Infra-red as Used Clinically, J.A.M.A. 159:1286 (Nov. 26) 1955.

(Continued from page 94)

PATHOLOGIST — BOARD CERTIFIED; UNIVERSITY trained; 38; married; extensive training in surgical pathology; desires position to serve 1 or 2 hospitals. Box 1997 I, % AMA.

GENERAL PRACTITIONER — 48; MARRIED; YEAR surgical residency; year formal obstetrical experience; wishes association with physician or small group in college town having hospital. Box 1990 I, % AMA.

INTERNIST — 30; BOARD ELIGIBLE; UNIVERSITY hospital trained; desires group or association. Box 2002 I, % AMA.

ANESTHESIOLOGIST — BOARD CERTIFIED; LICensed in Florida; desires to practice in that state. Please reply in detail to: Box 1992 I, % AMA.

PROFESSIONAL AND TECHNICAL AIDES

SKILLED THORACIC-CARDIAC SURGEON—34; MARr ed; certified; desires to work independently or in a group with internists and cardiologists in metropolitan area; can organize diagnostic laboratory. Box 2025 L, % AMA.

WANTED—(a) CHIEF MED TECH; fully apprv'd vol gen hosp 400 bds; 1 hr to NYC. (b) MED TECH; reg'd or elig, capable of ascum'g sole chge, state apprv'd lab, 4 man clin grp; $500, incr to $600 in 1 yr; lovely coll twn 25,000; MW. (c) MED TECH; vol gen hosp 300 bds; $350; resid suburb Los Angeles. (d) CHIEF MED TECH; fully apprv'd 200 by gen hosp; historic N. England city. (e) CHIEF X-RAY TECH; gen hosp 100 bds; $425; twn 15,000 nr San Francisco. (f) MED TECH; 1 of 4 priv labs empl 13 techs; to $400, excep wkg cond; city 250,000; MidE. (g) MED TECH; exp'd or inexp'd cons; vol gen hosp 150 bds; $325-$375; lovely city, Pac NW. (h) LAB & X-RAY TECH; priv gen prac; air-cond ofc; to $350; summer, winter resort twn; Fla. (i) CHIEF MED TECH; reg'd; apprv'd gen hosp 100 bds; to $400, more if very well qual; lovely coll twn 15,000; MW. Woodward Medical Personnel Bureau, 185 N. Wabash, Chicago. L

CLINICAL CHEMIST — IMMEDIATE OPENING IN general hospital*+ laboratory in Virginia; $400 to $450 per month to start; job consists of setting up new procedures, supervising routine determinations, research and teaching; A.B. required, male or female; excellent opportunity with pleasant working conditions. Box 1963 L, % AMA.

FEMALE LABORATORY AND X-RAY TECHNICIAN—for doctor's office; salary open. 5153 N. Clark St., Chicago, Illinois. L

WANTED—(a) CHIEF X-RAY & CHIEF LAB. TECHS; 100 bed hosp; res. town, near Boston. (b) LAB. SUPERVISOR; pref. Ph.D., one of clinical sciences; new 300 bed hosp; $6000-$7000; near Chicago. (c) BACTERIOLOGIST or REG. TECH, qual. bact; 200 bed hosp; resort town, Colo. (d) LAB TECH; qual. take charge, lab. dept. diagnostic grou : resort town near med. center. So. (e) CHIEF TECH; pref. woman; new 225 bed hosp, univ. city, So. (f) BIOCHEMIST; Ph.D; to dir. chem lab., 350 bed ho-- affil. med. school; well-equipped dept; $7000-$10,000. Medical Bureau, Burneice Larson, Director, Palmolive Building, Chicago. L

WANTED — LABORATORY TECHNICIAN; ASCP; 40 bed general hospital in excellent hunting and fishing area; $375 to 400 per month. Write: Miss Martha Hanson, Administrator, Baraga County Memorial Hospital, L'Anse, Michigan. L

PRACTICES FOR SALE

CALIFORNIA — CENTRAL; RADIOLOGIC PRACTICE for sale; well equipped offices; an old established going business; come, see, receive details and make an offer; no drawn out correspondence; act now. Box 2023 P, % AMA.

CALIFORNIA—FOR SALE; $50,000 A YEAR GROSS, eye, ear, nose and throat practice; terms reasonable; will stay as long as necessary. Box 1977 P, % AMA.

COLORADO—GROWING PRACTICE IN BEAUTIFUL mountain town; 30 minutes from Denver; office equipment, office lease, introduction; $30,000 a year; leaving August 15, 1957; specializing; $8000; any terms. Box 2026P, % AMA.

ILLINOIS—GUARANTEE WEEKLY SALARY FOR ONE year trial as opportunity for surgeon or general practitioner to assume a large general practice; to buy or rent; open staff hospital; small town. Box 1829 P, % AMA.

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NEW YORK—LARGE, LONG ESTABLISHED GENERal practice; in rapidly growing community 1 hour's drive from New York City; comfortable home with large office suite; choice location; to sell and seek warmer climate because of illness. Box 1972 P, % AMA.

NEW YORK — WESTERN; GENERAL PRACTICE; well-established and well-equipped, in combination with fully furnished house; low overhead; hospital in town; easy terms. Box 1774 P, % AMA.

NEW YORK—EXCELLENT PRACTICE; ADULT MEDicine with established group; equipped office on rental basis; city 38,000; central New York; available immediately; no purchase price. Box 2036 P, % AMA.

NEW YORK — ACTIVE GENERAL PRACTICE FOR sale; cash business over $42,000; within commuting distance of New York City. Box 1814 P, % AMA.

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(Continued on page 98)

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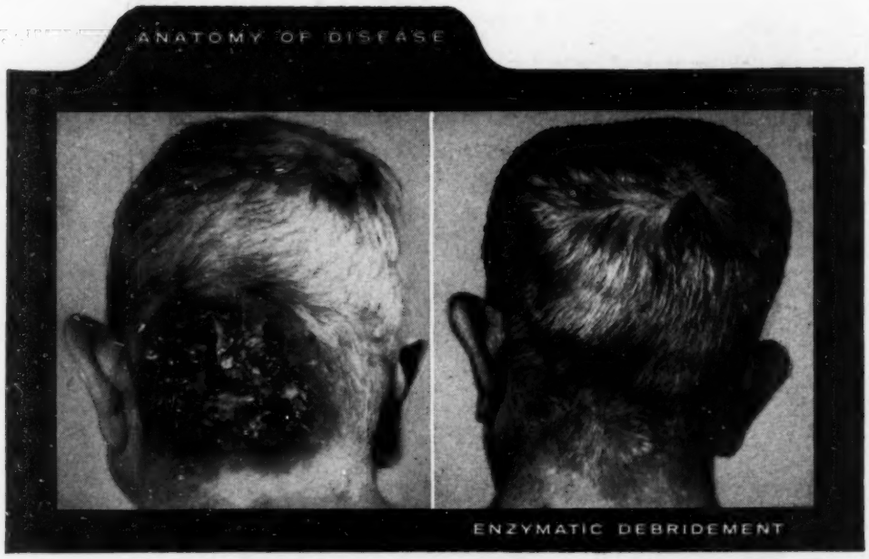
References: 1. Farah, Luis: Int. Rec. of Med. & Gen. Prac. Clin. **169**:379 (June) 1956. 2. Shalowitz, M.: Geriatrics, July, 1956. 3. Robinson, H. M. et al: J.A.M.A. **161**:604 (June 16) 1956.



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*Miller, J. M.: Postgrad. Med. 19: 16 (Jan.) 1956.

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(Continued on page 100)

BOOKS RECEIVED

Books received by THE JOURNAL *are acknowledged in this column. Selections will be made for more extensive review in the interests of* THE JOURNAL *readers as space permits. Books listed in this department are not available for lending or sale through the American Medical Association.*

Muscle Testing: Techniques of Manual Examination. By Lucille Daniels, M.A., Associate Professor and Director of Physical Therapy, Department of Allied Medical Sciences, School of Medicine, Stanford University, San Francisco, Marian Williams, Ph.D., Assistant Professor of Physical Therapy, Stanford University, and Catherine Worthingham, Ph.D., Director of Professional Education, National Foundation for Infantile Paralysis, Inc. Second edition. Paper. $4. Pp. 176, with format and test illustrations by Harold Black; anatomical drawings by Lorene Sigal. W. B. Saunders Company, 218 W. Washington Sq., Philadelphia 5; 7 Grape St., Shaftesbury Ave., London, W.C.2, England, 1956.

Natural Childbirth. By H. B. Atlee, M.D., F.R.C.S., F.I.C.S., Head of Department of Obstetrics and Gynecology, Dalhousie University, Halifax, N. S., Canada. Publication number 291, American Lecture Series, monograph in American Lectures in Gynecology and Obstetrics. Edited by E. C. Hamblen, B.S., M.D., F.A.C.S., Professor of Endocrinology, Duke University School of Medicine, Durham, North Carolina. Cloth. $2.75. Pp. 79, with 8 illustrations. Charles C Thomas, Publisher, 301-327 E. Lawrence Ave., Springfield, Ill.; Blackwell Scientific Publications, Ltd., 24-25 Broad St., Oxford, England; Ryerson Press, 299 Queen St., W., Toronto 2B, Canada, 1956.

Peripheral Vascular Disorders. Edited by Peter Martin, V.R.D., M.Chir., F.R.C.S., Surgeon to Chelmsford and Billericay Hospitals, Essex, England, R. Beverley Lynn, M.D., F.R.C.S., Assistant Professor of Surgery and Markle Scholar, Medical College, University of Saskatchewan, Saskatoon, J. Henry Dible, M.B., LL.D., F.R.C.P., Director of Pathology, Postgraduate Medical School, London, and Ian Aird, Ch.M., F.R.C.S., Professor of Surgery, University of London, London. Cloth, $20. Pp. 847, with 450 illustrations. E. & S. Livingstone, Ltd., 16 and 17 Teviot Pl., Edinburgh 1, Scotland; Williams & Wilkins Company, Mount Royal and Guilford Aves., Baltimore 2, 1956.

Psychiatry, the Press and the Public: Problems in Communication. Editorial board: Wilfred Bloomberg, M.D., chairman, et al. Editorial consultant: Stella Bloch Hanau. Report of Conference on Special Problems of Communicating Psychiatric Subject Matter to the Public, held at Swampscott, Mass., June 24-26, 1955. Organized and conducted by American Psychiatric Association in cooperation with National Association of Science Writers and Niemann Foundation for Journalism. Paper. $1. Pp. 66. American Psychiatric Association, 1785 Massachusetts Ave., Washington 6, D. C., 1956.

Das Skelett des Kindes: Entwicklung, Bildungsfehler und Erkrankungen. Von Doz. Dr. W. Swoboda, Assistent an der Univ.-Kinderklinik Wien. Archiv und Atlas der normalen und pathologischen Anatomie in typischen Röntgenbildern. Ergänzungsband 78, Fortschritte auf dem Gebiete der Röntgenstrahlen und der Nuklearmedizin: Diagnostik, Physik, Biologie, Therapie. Herausgeber: R. Glauner, et al. Cloth. 43.20 marks; $11.40. Pp. 184, with 199 illustrations. Georg Thieme Verlag, Herdweg 63 (14a) Stuttgart N (American zone), Germany; [Intercontinental Medical Book Corporation, 381 Fourth Ave., New York 16], 1956.

Emotional Hazards in Animals and Man. By Howard S. Liddell, Ph.D., Professor of Psychobiology, Cornell University, Ithaca, New York. Publication number 299, American Lecture Series, monograph in American Lectures in Objective Psychiatry. Edited by William Horsley Gantt, M.D., Phipps Psychiatry Clinic, Johns Hopkins Hospital, Baltimore. Cloth. $2.50. Pp. 97. Charles C Thomas, Publisher, 301-327 East Lawrence Ave., Springfield, Ill.; Blackwell Scientific Publications, Ltd., 24-25 Broad St., Oxford, England; Ryerson Press, 299 Queen St., W., Toronto 2B, Canada, 1956.

Tumori del tessuto adiposo. Di Manlio Caucci. Prefazione del Prof. G. Gherardo Forni. Paper. Pp. 242, with 61 illustrations. Licinio Cappelli editore, Via Farini 6, Bologna, Italy, 1955.

(Continued on page 100)

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J. Chron. Dis. 2:645, 1955.

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(Books Received Continued)

New Bases of Electrocardiography. By Demetrio Sodi-Pallares, M.D., Chief of Department of Electrocardiography at National Institute of Cardiology of Mexico, Mexico City, with collaboration of Royall M. Calder, M.D., editor, English translation, Clinical Professor of Medicine, Graduate School, Baylor University, Houston, Texas. Translated from recent revision of third Spanish language edition, copyright by La Prensa médica mexicana, México 7, D.F. Cloth. $18.50. Pp. 727, with 523 illustrations. C. V. Mosby Company, 3207 Washington Blvd., St. Louis 3, 1956.

Accidental Poisoning in Childhood: A Reference-Guide to the Chemical Constituents of Common Household Substances, together with Treatment Recommendations for Their Accidental Ingestion by Children. Prepared by Committee on Accident Prevention, American Academy of Pediatrics, and written by Edward Press, M.D., M.P.H., Field Director, American Public Health Association. Cloth. $3. Pp. 131. American Academy of Pediatrics, 1801 Hinman Ave., Evanston, Ill.; published by Charles C Thomas, Publisher, 301-327 E. Lawrence Ave., Springfield, Ill., 1956.

Physiologische Chemie: Ein Lehr- und Handbuch für Ärzte, Biologen und Chemiker. Herausgegeben von B. Flaschenträger und E. Lehnartz. Hervorgegangen aus dem Lehrbuch der physiologischen Chemie von Olof Hammarsten. Band 2: Der Stoffwechsel. Teil 2. Bandteil a. Bearbeitet von K. Lohmann et al. Cloth. 186 marks. Pp. 1396, with 70 illustrations. Springer-Verlag, Reichpietschufer 20, (1) Berlin W. 35 (West-Berlin); Neuenheimer Landstrasse 24, Heidelberg; Göttingen, Germany, 1956.

Klinische Funktionsdiagnostik. Von Doz. Dr. Heinrich Küchmeister, II. medizinische Universitätsklinik und Poliklinik Hamburg-Eppendorf. Unter Mitarbeit von Prof. Dr. W. Bolt, Köln, Prof. Dr. H. Goldeck, Hamburg, und Prof. Dr. H. Hamm, Hamburg. Mit einem Geleitwort von Prof. Dr. A. Jores, Hamburg. Cloth, 49.50 marks. Pp. 411, with 152 illustrations. Georg Thieme Verlag, Herdweg 63, (14a) Stuttgart N (American zone), Germany; [Intercontinental Medical Book Corporation, 381 Fourth Ave., New York 16], 1956.

Esterilidad conyugal. Por Normando Arenas, profesor adjunto de ginecología de la Facultad de ciencias médicas de Buenos Aires, Alberto E. Bettinotti, secretario de la Sociedad argentina para el estudio de la esterilidad, y Edmundo G. Murray, docente libre de ginecología de la Facultad de ciencias médicas de Buenos Aires. Con la colaboración de especialistas argentinos y extranjeros. Cloth. Pp. 534, with 160 illustrations. Editorial bibliográfica argentina, Cangallo 860, Buenos Aires, Argentina, 1956.

Head Injuries and Their Management. By Francis Asbury Echlin, M.D., C.M., M.Sc., Professor Clinical Neurosurgery, New York University, Postgraduate Medical School, New York. This material was published in American Practitioner and Digest of Treatment for May, 1956. Cloth. $3. Pp. 127, with 10 illustrations. J. B. Lippincott Company, 227-231 S. Sixth St., Philadelphia 5; 2083 Guy St., Montreal, Canada; Pitman Medical Publishing Company, Ltd., Pitman House, 39-41 Parker St., Kingsway, London, W.C.2, England, 1956.

Fünfter Kongress der Europäischen Gesellschaft für Hämatologie, Freiburg i. Br., 20. bis 24. September 1955: Colloquium über aktuelle Probleme des Transfusionswesens und der Immun-Hämatologie. Schriftleitung: Herbert Begemann, Dr. med. Dozent für innere Medizin, Oberarzt der med. Univ.-Klinik Freiburg i. Br. Paper. 148 marks. Pp. 921, with 344 illustrations. Springer-Verlag, Reichpietschufer 20, (1) Berlin W.35 (West-Berlin); Neuenheimer Landstrasse 24, Heidelberg; Göttingen, Germany, 1956.

Industrial Medicine and Hygiene. Volumes I-III. Edited by E.R.A. Merewether, C.B.E., O.St.J., M.D., H.M. Senior Medical Inspector of Factories, Ministry of Labour and National Service, [London, England.] With foreword by The Lord Horder, G.C.V.O., M.D., F.R.C.P. Cloth. Pp. 426, with 33 illustrations; 451, with 81 illustrations; 617, with 57 illustrations. F. A. Davis Company, 1914-16 Cherry St., Philadelphia 3; Butterworth & Co., Ltd., 88 Kingsway, London, W.C.2, England; 1367 Danforth Ave., Toronto 6, Canada, 1954; 1956.

We Can't All Be Sane! By William H. Kupper, M.D. Paper. $1.75. Pp. 219. The Colt Press, Publisher, Paterson 3, N. J., 1955.

(Continued on page 102)

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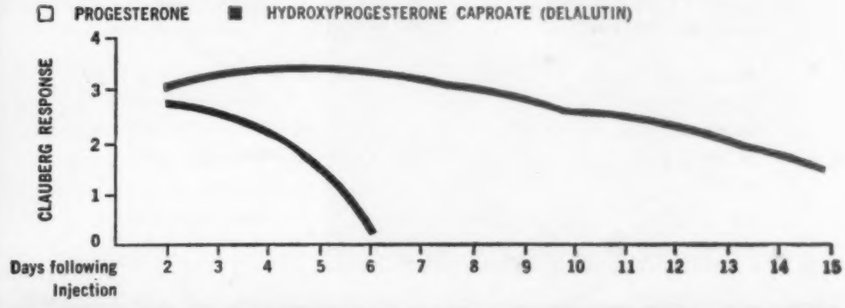

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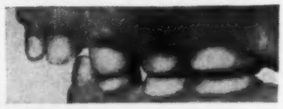

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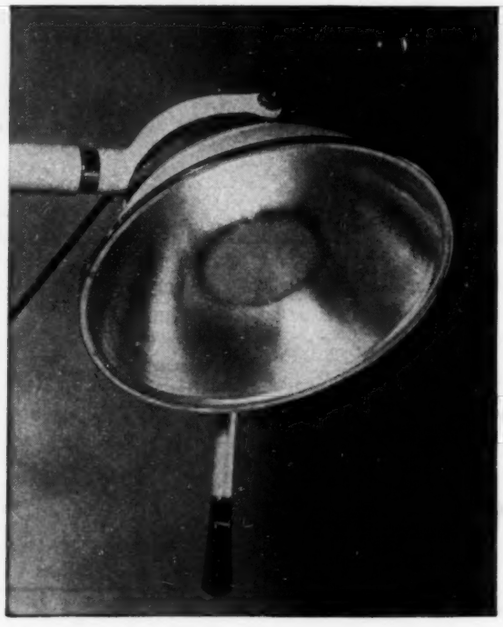

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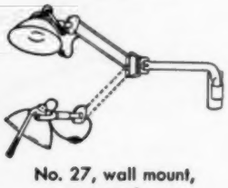

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Medical Effects of the Atomic Bomb in Japan. Edited by Ashley W. Oughterson, Clinical Professor of Surgery, Yale University School of Medicine, New Haven, and Shields Warren, Pathologist, New England Deaconess Hospital, Boston. National Nuclear Energy Series, Manhattan Project Technical Section, Division VIII—Volume 8. Cloth. $8. Pp. 477, with illustrations. McGraw-Hill Book Company, Inc., 330 W. 42nd St., New York 36; 95 Farringdon St., London, E.C.4, England, 1956.

Proprioceptive Neuromuscular Facilitation: Patterns and Techniques. By Margaret Knott, B.S., Head Physical Therapist, and Dorothy E. Voss, B.Ed., Assistant Head Physical Therapist, California Rehabilitation Center, Vallejo, California. Foreword by Sedgwick Mead, M.D. Half-cloth. $5.50. Pp. 135, with illustrations by Helen Drew. Paul B. Hoeber, Inc. (medical book department of Harper & Brothers), 49 E. 33rd St., New York 16, 1956.

Photosynthesis and Related Processes. Volume II. Part 2: Kinetics of Photosynthesis (continued); Addenda to Volume I and Volume II, Part 1. By Eugene I. Rabinowitch, Research Professor, Photosynthesis Research Laboratory, Department of Botany, University of Illinois, Urbana. Cloth. $18.50. Pp. xvi; 1211-2088, with illustrations. Interscience Publishers, Inc., 250 Fifth Ave., New York 1; 88-90 Chancery Lane, London, W.C.2, England, 1956.

Clinical Urology. Volumes I and II. By Oswald Swinney Lowsley, A.B., M.D., F.A.C.S., President and Director, Oswald Swinney Lowsley Foundation, Inc., St. Clare's Hospital, New York, and Thomas Joseph Kirwin, M.A., M.S., M.D., Professor of Urology, New York Medical College, New York City. Third edition. Cloth. $32.50. Pp. 464; 465-985, with 599 illustrations by William P. Didusch. Williams & Wilkins Company, Mount Royal and Guilford Aves., Baltimore 2, 1956.

The Spine: Anatomico-Radiographic Studies, Development and the Cervical Region. By Lee A. Hadley, M.D., Senior Attending Roentgenologist, Syracuse Memorial Hospital, Syracuse, N. Y. Cloth. $6.50. Pp. 156, with illustrations. Charles C Thomas, Publisher, 301-327 E. Lawrence Ave., Springfield, Ill.; Blackwell Scientific Publications, Ltd., 24-25 Broad St., Oxford, England; Ryerson Press, 299 Queen St., W., Toronto 2B, Canada, 1956.

Heutiger Stand der Therapie der Hautkrankheiten nach Berichten auf der Therapietagung der südwestdeutschen Dermatologen-Vereinigung am 22./23. Oktober 1955 in Frankfurt am Main. Herausgegeben von Dr. Erich Landes, Oberarzt der Universitäts-Hautklinik, Frankfurt am Main. Paper. 12.60 marks. Pp. 95, with 24 illustrations. Springer-Verlag, Reichpietschufer 20, (1) Berlin W. 35 (West-Berlin); Neuenheimer Landstrasse 24, Heidelberg; Göttingen, Germany, 1956.

Experimentální pathologie, hygiena, chemie, farmakologie, porodnictví a gynekologie: 3 soubory prací. [Edited by] Doc. Dr Pavel Rohan, Prof. Dr Jan Kabelík, Prof. Dr Jan Maršalek. [Experimental Pathology, Hygiene, Chemistry, Pharmacology, Obstetrics and Gynecology: 3 Series of Works.] Acta Universitatis Palackianae Olomucensis, 6. Paper. 38 Kcs. Pp. 200, with illustrations. Palackého Universita, Lidická 8, Olomouc, Czechoslovakia, 1955.

Medicinal Chemistry. Volume III. By T. P. Carney et al. Editors: F. F. Blicke and R. H. Cox. Associate editor: L. A. Woods. Assistant editor: Harriet Geer. Series of reviews prepared under auspices of Division of Medicinal Chemistry of American Chemical Society. Cloth. $10.50. Pp. 346, with illustrations. John Wiley & Sons, Inc., 440 Fourth Ave., New York 16; Chapman & Hall, Ltd., 37-39 Essex St., Strand, London, W.C. 2, England, 1956.

Fortschritte der Kiefer- und Gesichts-Chirurgie: Ein Jahrbuch. Band II. Herausgegeben von Prof. Dr. Dr. Karl Schuchardt, Direktor der Klinik und Poliklinik für Zahn-, Mund- und Kieferkrankheiten, und Prof. Dr. Dr. Martin Wassmund. Cloth. 60 marks; $14.30. Pp. 268, with 291 illustrations. Georg Thieme Verlag, Herdweg 63 (14a) Stuttgart N (American zone), Germany; [Intercontinental Medical Book Corporation, 381 Fourth Ave., New York 16], 1956.

Sarna humana. Por Julio M. Borda. Paper. Pp. 82, with 28 illustrations. [The author, Cordoba 123F], Buenos Aires, Argentina, 1955.

(Continued on page 104)

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BIBLIOGRAPHY

Brown, C. H., Gebhart, W. P., and Reich, A.: *Intestinal amebiasis: Incidence, symptoms, and treatment with arsthinol (Balarsen)*, J.A.M.A. 160:360, 1956.

Editorial: *Current status of therapy in amebiasis*, J.A.M.A. 160:1230, 1956.

Frye, W. W.: *The pathogenesis and therapy of human amebiasis*, Am. J. Gastroentero. 25:315, 1956.

Gonzalez Reyna, C.; Rosique Priego, I., and Barrett, E. A.: *Clinical study of a new amebicide, Balarsen: Eighteen months' follow-up*, Fifth Pan-American Congress of Gastroenterology, Havana, Cuba, Jan. 20-27, 1956.

Levy, J. S., and Talley, R. W.: *Effectiveness of Balarsen (mercaptoarsenol) in treatment of amebiasis*, Gastroenterology 22:588, 1952.

Loughlin, E. H.; Joseph, A. A., and Mullin, W. G.: *The treatment of amebiasis with arsthinol (N.N.R.) (Balarsen)*, Antibiotics & Chemotherapy 4:647, 1954.

Most, H.; von Arnesdell, F.; Miller, J.; Milberg, M. B., and Rossman, E. B.: *Arsthinol (Balarsen): A new trivalent arsenical for the treatment of intestinal amebiasis and other intestinal protozoa*, Am. J. Trop. Med. 3:263, 1954.

Tsoukas, A.: *The newest concepts concerning amebiasis and its treatment*, Arch. M. Sc. (Greek) 12:129, Mar., 1956.

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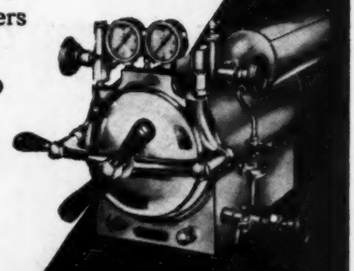

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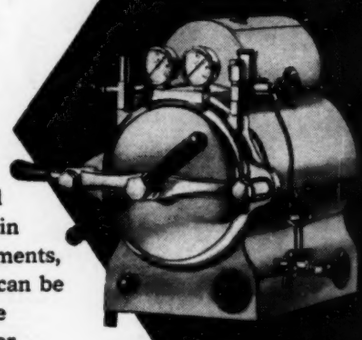

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Cole's Practical Physiological Chemistry. Revised and re-written by Ernest Baldwin, Ph.D., Professor of Biochemistry at University College in University of London, and David James Bell, Sc.D., F.R.S.E., Senior Biochemist, Agricultural Research Council Poultry Research Centre, Edinburgh. Tenth edition. Cloth. $6. Pp. 263, with 24 illustrations. W. Heffer & Sons, Ltd., 3-4 Petty Cury, Cambridge, England; Williams & Wilkins Company, Mount Royal and Guilford Aves., Baltimore 2, 1955.

Die Pflege des gesunden und des kranken Kindes: Zugleich ein Lehrbuch der Ausbildung zur Säuglings- und Kinderkrankenschwester. Von Prof. Dr. med. Werner Catel, Direktor der Universitäts-Kinderklinik Kiel. Fifth edition. Cloth. 42 marks; $10. Pp. 655, with 336 illustrations. Georg Thieme Verlag, Herdweg 63 (14a) Stuttgart N (American zone), Germany; [Intercontinental Medical Book Corporation, 381 Fourth Ave., New York 16], 1956.

Verhandlungen der deutschen Gesellschaft für Verdauungs- und Stoffwechselkrankheiten: XVIII. Tagung in Bad Homburg, 3.-5. Oktober 1955. Im Auftrage des Vorstandes herausgegeben vom ständigen Schriftführer der Gesellschaft, Prof. Dr. H. W. Bansi, Hamburg. Paper, 48 marks; $11.40. Pp. 300, with 109 illustrations. Georg Thieme Verlag, Herdweg 63, (14a) Stuttgart N (American zone), Germany; [Intercontinental Medical Book Corporation, 381 Fourth Ave., New York 16], 1956.

Intravenöse Cholangiographie: Grundlagen, Technik, Ergebnisse. Von Priv.-Doz. Dr. Th. Hornykiewytsch, Giessen. Mit einem Geleitwort von Prof. Dr. R. Janker, Bonn, und einem Vorwort von Prof. Dr. Dr. H. Bohn, Giessen. Cloth. 54 marks; $12.85. Pp. 159, with 110 illustrations. Georg Thieme Verlag, Herdweg 63 (14a) Stuttgart N (American zone), Germany; [Intercontinental Medical Book Corporation, 381 Fourth Ave., New York 16], 1956.

Dental Caries in New Zealand: Report of an Epidemiological and Racial Study. By R. E. T. Hewat, D.D.S., Dental Research Officer, Medical Research Council, and D. F. Eastcott, M.B., B.S., D.P.H., Assistant Director Epidemiology, National Institute, Department of Health, New Zealand. Paper. Pp. 134, with 22 illustrations. Medical Research Council of New Zealand; J. W. Baty, Ltd., printer, 23 Lichfield St., Christchurch, C.1, New Zealand, [n.d.].

Cancer in Connecticut 1935-1951. By Matthew H. Griswold, M.D., Dr.P.H., Charles S. Wilder, B.A., Sidney J. Cutler, M.A., and Earl S. Pollack, M.A. Publication of this volume has been assisted by Grant CS-9347, National Cancer Institute, Public Health Service, Department of Health, Education and Welfare. Paper. Pp. 141, with 19 illustrations. Connecticut State Department of Health, Hartford, 1955.

Polysaccharides in Biology: Transactions of the First Conference April 27, 28, and 29, 1955, Princeton, N. J. Edited by Georg F. Springer, M.D., William Pepper Laboratory of Clinical Medicine, Hospital of University of Pennsylvania, Philadelphia. Sponsored by Josiah Macy, Jr. Foundation. Cloth. $5. Pp. 271, with 31 illustrations. The Foundation, 16 West 46th St., New York 36, 1956.

Surgery of the Hand. By Sterling Bunnell, M.D., Consultant to Surgeon General of U. S. Army, to U. S. Navy, and to Alaska Department of Health. Third edition. Cloth. $22.50. Pp. 1079, with 1056 illustrations. J. B. Lippincott Company, 227-231 S. Sixth St., Philadelphia 5; 2083 Guy St., Montreal, Canada; Pitman Medical Publishing Co., Ltd., Pitman House, 39-41 Parker St., Kingsway, London, W.C.2, England, 1956.

Swire's Handbook for the Assistant Nurse. Edited and revised by Ruby Thora Farnol, S.R.N., S.C.M., D.N., Examiner to General Nursing Council of England and Wales. Baillière's Handbooks for Nurses. Third edition. Cloth. $3.75. Pp. 327, with 176 illustrations. Baillière, Tindall & Cox, 7-8 Henrietta St., Covent Garden, London, W.C.2, England; Williams & Wilkins, Mount Royal and Guilford Aves., Baltimore 2, 1956.

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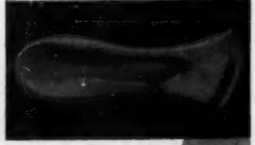

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Man's Role in Changing the Face of the Earth: International Symposium. Edited by William L. Thomas, Jr., with collaboration of Carl O. Sauer, Marston Bates and Lewis Mumford. Published for Wenner-Gren Foundation for Anthropological Research and National Science Foundation. Cloth. $12.50. Pp. 1193, with 180 illustrations. University of Chicago Press, 58th St. and Ellis Ave., Chicago 37, 1956.

Pulmonary Emphysema. Edited by Alvan L. Barach, M.D., Clinical Professor of Medicine, Columbia University College of Physicians and Surgeons, New York City, and Hylan A. Bickerman, M.D., Assistant Clinical Professor of Medicine, Columbia University College of Physicians and Surgeons. Cloth. $10. Pp. 545, with illustrations. Williams & Wilkins Company, Mount Royal and Guilford Aves., Baltimore 2, 1956.

Obesidade córtico-hipofisária. Trabalho do Serviço de endocrinologia e do Centro de estudos de anatomia patológica e patologia geral do Instituto de alta cultura. Por Ignacio Alejandro de Salcedo y Abad. [Thesis, M.D., Universidade do Porto. With French and English summaries.] Paper. Pp. 341, with 98 illustrations. Tip. J. R. Gonçalves, Limitada, rua da Porta do Sol, 30, Porto, Portugal, 1956.

Allergische Diathese und allergische Erkrankungen. Von Dr. Hugo Kämmerer, Professor der Universität München, und Dr. Hermann Michel, wissenschaftl. Assistent der medizinischen Universitäts-Poliklinik Marburg/Lahn. Third edition. Cloth. 98 marks. Pp. 756, with 31 illustrations. J. F. Bergmann, Trogerstrasse 56, Munich 27; [Springer-Verlag, Reichpietschufer 20, (1) Berlin W. 35 (West-Berlin)], Germany, 1956.

Diagnosis and Treatment of Peripheral Vascular Disorders. By David I. Abramson, M.D., F.A.C.P., Professor and Head of Department of Physical Medicine and Rehabilitation, University of Illinois, Chicago. Cloth. $13.50. Pp. 537, with 82 illustrations. Paul B. Hoeber, Inc. (medical book department of Harper & Brothers), 49 East 33rd St., New York 16, 1956.

Neuropharmacology: Transactions of the Second Conference May 25, 26, and 27, 1955, Princeton, N. J. Edited by Harold A. Abramson, M.D., Research Psychiatrist, Biological Laboratory, Cold Spring Harbor, N. Y. Sponsored by Josiah Macy, Jr. Foundation. Cloth. $4.25. Pp. 328, with 85 illustrations. The Foundation, 16 West 46th St., New York 36, 1956.

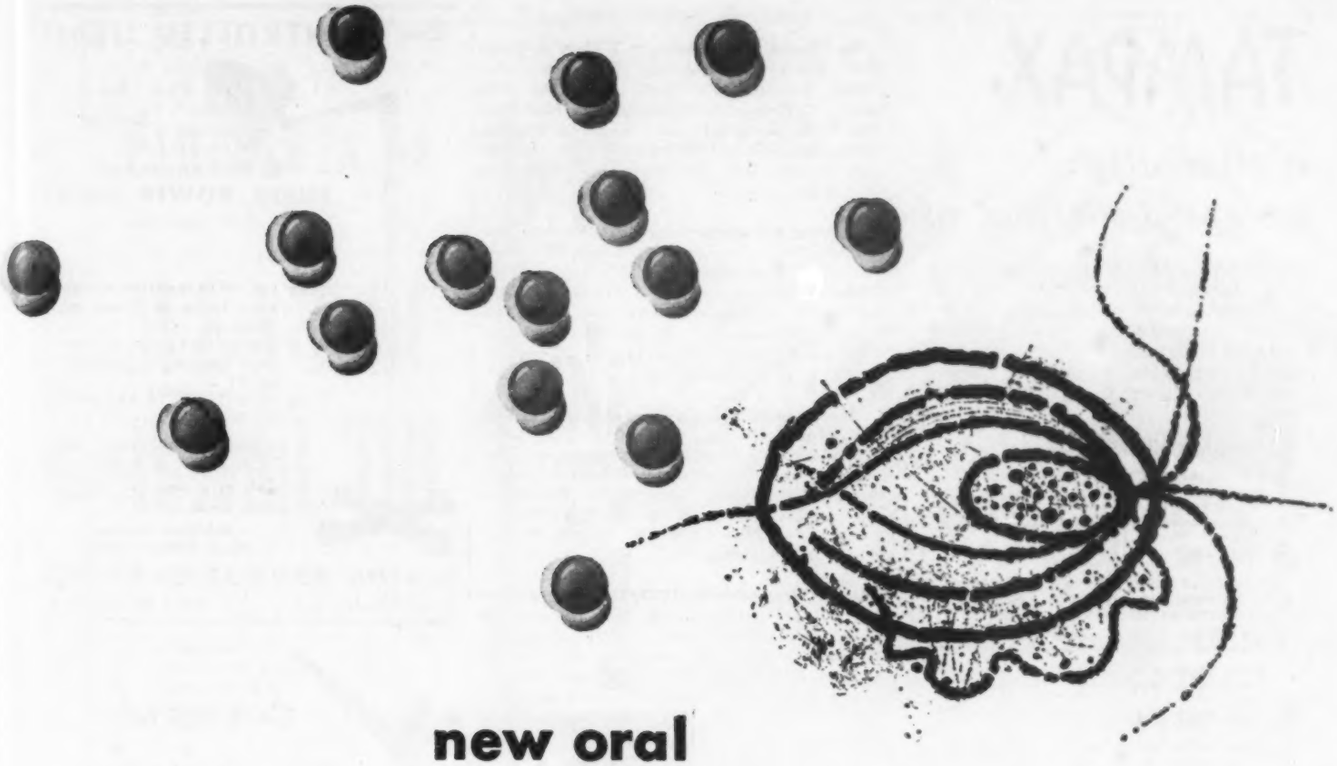
Ulcers of the Legs. By P. Piulachs, Chief Professor Surgeon in Faculty of Medicine of Barcelona. Cloth. $15.50. Pp. 574, with 303 illustrations. Charles C Thomas, Publisher, 301-327 E. Lawrence Ave., Springfield, Ill.; Blackwell Scientific Publications, Ltd., 24-25 Broad St., Oxford, England; Ryerson Press, 299 Queen St., W., Toronto, 2B, Canada, 1956.

Occupational Health Nursing. By Mary Louise Brown, R.N., M.A., Assistant Professor of Public Health, Yale University School of Medicine, in association with John Wister Meigs, M.D., Associate Professor of Public Health, Yale University School of Medicine, New Haven, Conn. Cloth. $4.50. Pp. 276. Springer Publishing Company, Inc., 44 E. 23rd St., New York 10, 1956.

Aids to Embryology. By J. S. Baxter, M.A., M.Sc., M.D., Professor of Anatomy, University College, Cardiff, Wales. Fifth edition. Cloth. $2.50. Pp. 196, with 61 illustrations. Baillière, Tindall & Cox, 7-8 Henrietta St., Covent Garden, London, W.C.2, England; [Williams & Wilkins Company, Mount Royal and Guilford Aves., Baltimore 2], 1956.

Warning Labels: A Guide for the Preparation of Warning Labels for Hazardous Chemicals. Manual L-1. Fourth revision. Paper, loose-leaf. $1. Pp. 115. Manufacturing Chemists' Association, Inc., 1625 Eye St., N.W., Washington 6, D.C., 1956.

(Continued on page 108)



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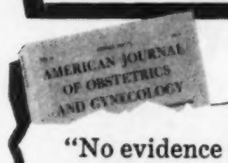
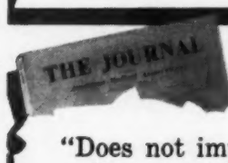
Karnaky, K. J.: Western Journal of Surgery, Obstetrics and Gynecology, Vol. 51, pp. 150-152.



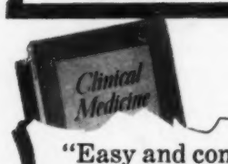
"No evidence that the use of the tampon caused obstruction to menstrual flow."

Thornton, M. J.: American Journal of Obstetrics and Gynecology, Vol. 46, pp. 259-265.



"Does not impair standard anatomic virginity."

Dickinson, R. L.: The Journal of the American Medical Association, Vol. 128, pp. 490-494.



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Sackren, H. S.: Clinical Medicine, Vol. 46, pp. 327-329.

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The Clinical Psychologist. By William A. Hunt, Ph.D., Professor of Psychology, Northwestern University, Evanston, Ill. Cloth. $5.50. Pp. 206. Charles C Thomas, Publisher, 301-327 East Lawrence Ave., Springfield, Ill.; Blackwell Scientific Publications, Ltd., 24-25 Broad St., Oxford, England; Ryerson Press, 299 Queen St., W., Toronto 2B, Canada, 1956.

Le coeur pulmonaire aigu dans l'embolie pulmonaire. Par A. Tourniaire, M. Tartulier, F. Deyrieux et J. Blum, avec la collaboration de Pierre Marion, professeur agrégé à la Faculté de médecine de Lyon. Préface du professeur R. Leriche. Cloth. 3700 francs. Pp. 188, with 66 illustrations. L'Expansion scientifique française, 15 rue St. Benoit, Paris 6e, France, 1956.

Sborník prací z chirurgické kliniky Palackého University v Olomouci. [Edited by] Prof. mudr. Vladislav Rapant. [Opuscules on Surgery from the Department of Surgery of the Palacký University in Olomouc.] Acta Universitatis Palackianae Olomucensis, 7. Paper. 81 Kcs. Pp. 200, with illustrations. Palackého Universita, Lidická 8, Olomouc, Czechoslovakia, 1955.

Tuberkulose-Jahrbuch 1953/54. Herausgegeben von Prof. Dr. Rolf Griesbach, Generalsekretär des Deutschen Zentralkomitees zur Bekämpfung der Tuberkulose. Cloth. 33 marks. Pp. 283, with 66 illustrations. Springer-Verlag, Reichpietschufer 20, (1) Berlin W. 35 (West-Berlin); Neuenheimer Landstrasse 24, Heidelberg; Göttingen, Germany, 1956.

Psychopathy and Delinquency. By William McCord, Ph.D., Instructor in Social Psychology and General Education, Harvard University, Boston, and Joan McCord, Ed.M., Research Assistant, Laboratory of Human Development, Harvard University. Cloth. $6.50. Pp. 230. Grune & Stratton, Inc., 381 Fourth Ave., New York 16; 99 Great Russell St., London, W.C.1, England, 1956.

Management of Emotional Problems in Medical Practice. Edited by Samuel Liebman, M.D., Medical Director, North Shore Health Resort, Winnetka, Ill. Cloth. $5. Pp. 152. J. B. Lippincott Company, 227-231 S. Sixth St., Philadelphia 5; 2083 Guy St., Montreal, Canada; [British agent—Pitman Medical Publishing Co., Ltd., 39 Parker St., Kingsway, London, W.C.2, England], 1956.

Leitfaden der Nativcytomorphologie maligner Tumoren: Spezielle phasen- und fluoreszenzoptische Cytodiagnostik. Von Dr. med. Hans Siering, Assistent an der Med. Univ.-Klinik Jena und Dr. med. Karl Aderhold, Assistent an der Chir. Univ.-Klinik Jena. Cloth. 15.20 marks. Pp. 139, with 154 illustrations. Gustav Fischer Verlag, Villengang 2, Jena 15b, Germany, 1956.

Acerca de la acción tripanolítica de las sangres sobre los cultivos de Trypanosoma (S.) cruzi y observaciones sobre el desarrollo del mismo en un nuevo medio de cultivo. Por Isabel Ines Silva. Ministerio de educación de la nación, Universidad nacional de Tucumán, publicación no. 706; monografía no. 3. Paper. Pp. 69, with 121 illustrations. Tucumán, República Argentina, 1955.

Problèmes généraux de psychosomatique clinique. Par Roland Pierloot, docteur en médecine. Avant-propos du Dr J. Groen, directeur du groupe de recherches psychosomatiques d'Amsterdam. Paper. 150 Belgian francs; $3. Pp. 281. E. Nauwelaerts, 2 Place Cardinal Mercier, Louvain, Belgium; Béatrice-Nauwelaerts, 10 rue de l'Abbaye, Paris 6, France, 1956.

Symposium on Trauma. Sponsored by Department of Surgery, Tripler Army Hospital, Brig. Gen. John F. Bohlender, M.C., Commanding, 2-6 April 1956. [U. S. War Department.] Paper, loose-leaf. Various pagination. [Tripler Army Hospital, APO 438, San Francisco, California, 1956].

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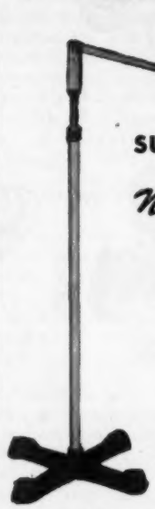

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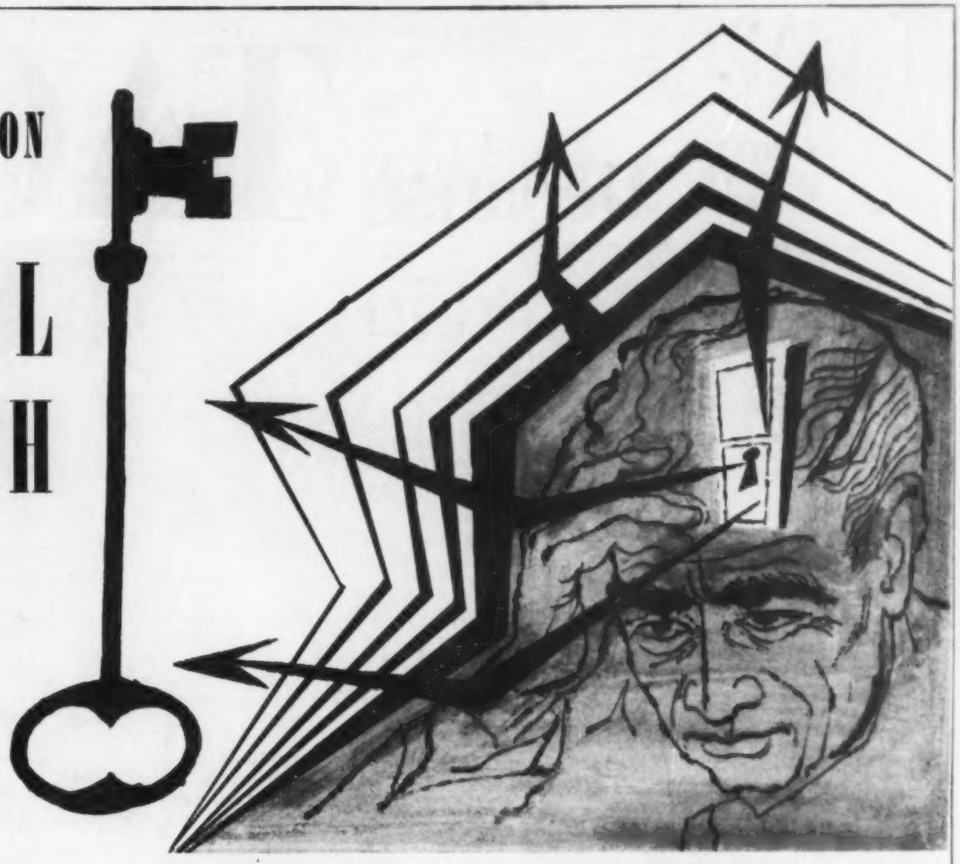

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1. Greenblatt, R. B., and Brown, N. H.: Am. J. Obst. & Gynec. 63:1361, 1952. 2. Thompson, C. R., and Werner, H. W.: Proc. Soc. Exper. Biol. & Med. 77:494, 1951. 3. Woodhull, R. B.: Obst. & Gynec. Surv. 3:201, 1953. 4. Editorial: Management of the Menopause, J.A.M.A. 158:566, 1955. 5. Edwards, B. E.: J. Indiana M. A. 47:869, 1954. 6. Gillam, J. S.; Hunter, G. W., and Darne, C. B.: J. Clin. Endocrinol. 14:272, 1954. 7. Nulsen, R. O.; Carmon, W. B., and Hendricks, H. O.: Am. J. Obst. & Gynec. 65:1048, 1953.

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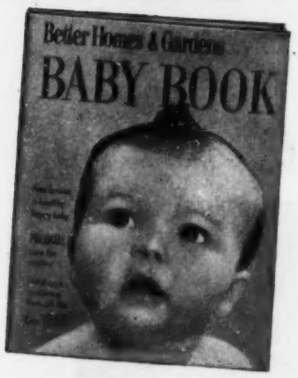

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(Books Received Continued)

Ciba Foundation Colloquia on Endocrinology. Volume 9: Internal Secretions of the Pancreas. Editors for Ciba Foundation: G. E. W. Wolstenholme, O.B.E., M.A., M.B., and Cecilia M. O'Connor, B.Sc. Cloth. $7. Pp. 292, with 100 illustrations. Little, Brown & Company, 34 Beacon St., Boston 6; J. & A. Churchill, Ltd., 104 Gloucester Pl., Portman Sq., London, W.1, England, 1956.

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(Continued on page 118)

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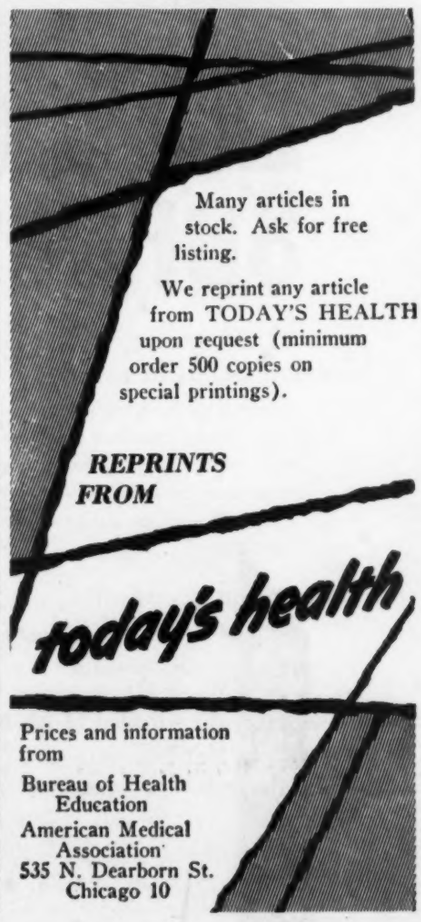

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Byron, C. S., and Orenstein, H. B.:
New York J. Med. 53:676, 1953.

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The natural purpose of the menopause is to restrict the reproductive phase of women to the more youthful years when the chances for uneventful pregnancy and delivery are best, and when conditions for a normal development of the offspring are most favorable. In a proportion of women, ovarian function does not completely cease when the menopause occurs. Submenstrual levels of estrogen are often maintained for an additional 10 to 15 years.[1] This slow, gradual decline makes allowance for the general systemic need for estrogen because this hormone is "... involved in metabolic relationships with all the tissues of the body..."[2] In such cases, only few, if any, subjective symptoms will appear. But when the decline of ovarian function is not so gently regulated, a wide variety of symptoms will often ensue in the menopause and in the pre- and postmenopausal syndrome. These symptoms may simulate a number of unrelated diseases which are really traceable to the same single cause: estrogen deprivation.

THE DISTRESSING MANIFESTATIONS of ovarian decline may cause pain and discomfort and may also include actual tissue changes. Frequently observed effects are vasomotor symptoms, such as hot flushes, irritability, headaches, insomnia, arthralgias, and progressive postmenopausal osteoporosis. Greene[3] states that "... some 80 per cent of women experience symptoms which are at best annoying and at worst incapacitating."

"Menopausal symptoms constitute one of the commonest problems which physicians encounter."[4] These symptoms illustrate, in effect, that estrogen is ". . . one of the most important metabolic regulators . . ."[5] and that ". . . the body is not likely to accept without protest the cessation of hormonal supply..."[6]

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Nature's purpose is well served by medical progress which enables the physician to eliminate the undesirable aspects of the menopause.

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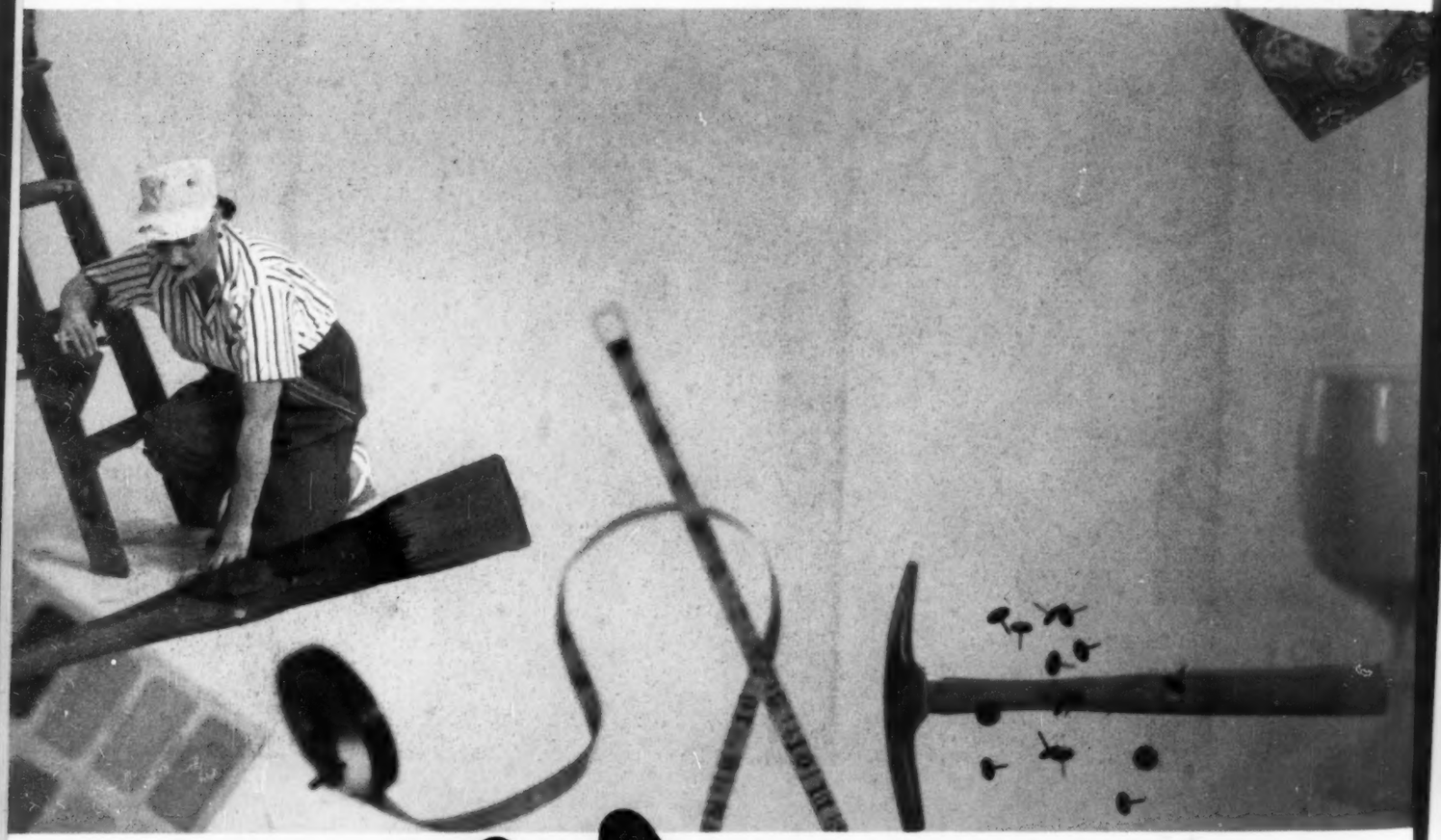

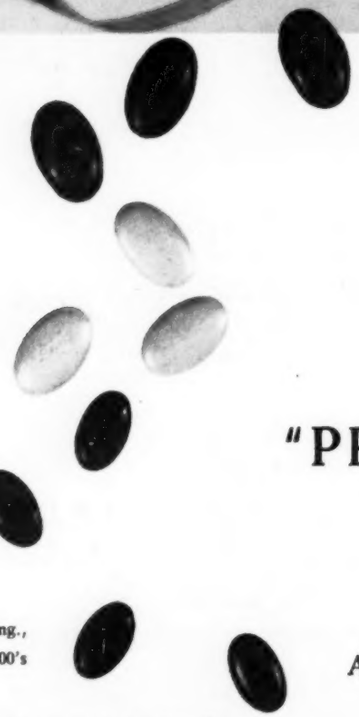

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The Bright Side

by E. K. H.

We've just been told about a poker group in a suburban town who recently let a newly settled homeowner into their game.

The man sat down, picked up a hand, and stopped short. Directly across the table from him sat a wire-haired terrier, clutching his cards close to his chest. As the others apparently took this for granted, the stranger decided to do likewise.

At the end of the evening, the game broke up with the terrier the big winner.

"Well, I'll be darned," said the newcomer. "That's the smartest dog I've ever seen. Imagine him winning from all of us like that!"

"Just dumb luck," said one of the players glumly. "He's really stupid. You just watch him—every time he gets a good hand, he wags his tail like *crazy*."

✣

A vacationer and his wife were driving through the Arizona desert recently and around noon decided to stop for lunch.

They pulled in at the nearest town and saw a cowboy leaning against a rail.

"Are there any restaurants around here?" asked the man.

"Yeah, two of 'em."

"Which one's the best?"

"Wa'al, it's hard to say," drawled the fellow. "It's a cinch, though, whichever you pick you'll sure wish you'd picked the other!"

✣

A third-grade teacher in San Diego took her class to an aquarium where they saw, for the first time, a dolphin.

"Just think, children," she said, "a single dolphin will have as many as 2,000 baby dolphins. Isn't that remarkable?"

"Gosh!" murmured one youngster. "How many would a *married* dolphin have?"

✣

Steve Allen came home one night to find his young son crying hysterically. He turned to his older boy.

"What's the matter with your brother?"

"Oh," said the boy, "he's crying because I'm eating my cake and won't give him any."

"Is his cake finished?"

"Yes," answered the lad, "and he cried while I was eating *that*, too."

✣

Three disappointed fishermen, staying at a fashionable resort in the Florida Keys, decided to continue the drinking they had indulged in most of the day.

They wandered into the bar, which was handsomely decorated with mounted trophies of fish and game. Suddenly, one of the trio caught sight of a large, magnificent marlin framing the doorway.

He studied it for a brief moment and then, drink in hand, zigzagged over to the offending specimen.

"You," he said, pointing at it waveringly, "are a *liar*."

When Russel Crouse, the playwright, went to Metro-Goldwyn-Mayer on an assignment, the studio's publicity department, as usual, left its form questionnaire on the desk. Crouse, glancing through it, was fascinated with the questions.

He put everything aside while he happily filled in the answers:

Professional Name: William Shakespeare.

Why Was This Name Selected: To collect royalties on "Hamlet."

Sports: Necking.

Do You Own a Boat? If So, What Kind. Give Name: Yes. Ocean liner. Queen Mary.

Any Pets? One. Water buffalo.

Method of Maintaining Looks: Board up face in the winter.

When last heard from, Crouse was sitting back, awaiting fan letters.

✣

We like this smart ad for one of the newer foreign cars: "Price includes all accessories—including its own attractive carrying case."

✣

An actor, who is used to getting up around noon, played a summer stock engagement in a small New England village recently. He arose early the first morning and proudly told his landlady, "I got up at dawn to see the sun rise."

"Well," was her laconic comment, "you picked a good time for it."

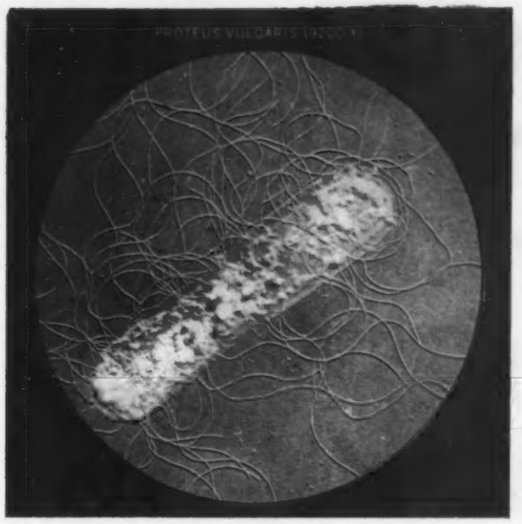
✣

The woman was startled out of a sound sleep by loud knocking at the door. "Yes, yes," she demanded. "What is it?"

"This is Patrolman O'Toole, Mrs. Smith. It's about your husband—he's just been run over by a steam roller."

"Well, don't just stand there!" commanded the woman. "Slide him under the door."

"No bother at all, Mrs. Swartz . . . had to get up and answer the telephone anyway!"



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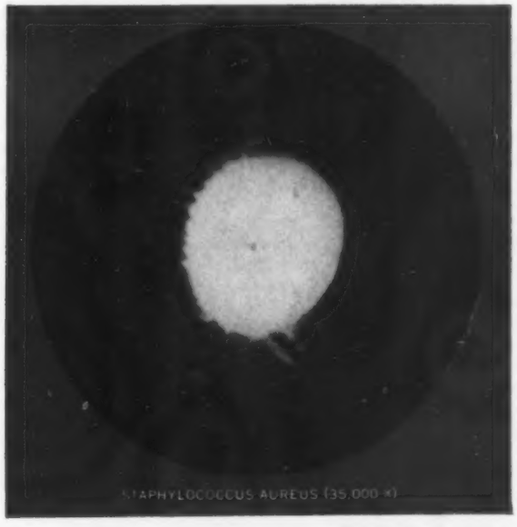

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DOSAGE: The recommended dose in adults is 1 capsule (250 mg.) every six hours or 2 capsules (500 mg.) every twelve hours, continued for at least forty-eight hours after the temperature has returned to normal and all evidence of infection has disappeared. In severe or unusually resistant infections, 0.5 Gm. every six hours or 1 Gm. every twelve hours may be employed.

The dose for children on similar schedules is 15 mg. per kilogram of body weight per day for moderately acute infections, and it may be increased to 30 to 45 mg. per kilogram of body weight per day for severe infections.

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Practitioners' Conferences Held at The New York Hospital-Cornell Medical Center. Volume 4. Edited by Claude E. Forkner, M.D., F.A.C.P., Professor of Clinical Medicine, Cornell University Medical College, New York. Cloth. $6.75. Pp. 407, with illustrations. Appleton-Century-Crofts, Inc., 35 W. 32nd St., New York 1, 1956.

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(Continued on page 120)

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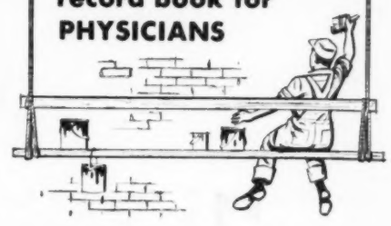

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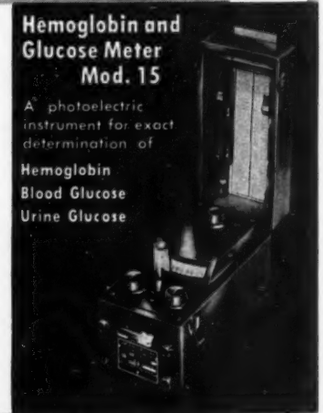

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Observations on the Migration of Some Labelled Substances between the Urinary Bladder and the Blood in the Rabbit. By Sven Erik Englund. Acta radiol. supp. 135. Paper. 25 Swedish kroner. Pp. 80, with 50 illustrations. Acta radiologica, Stockholm 2, Sweden, 1956.

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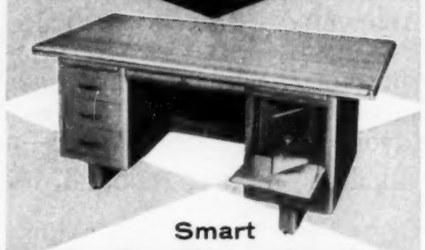

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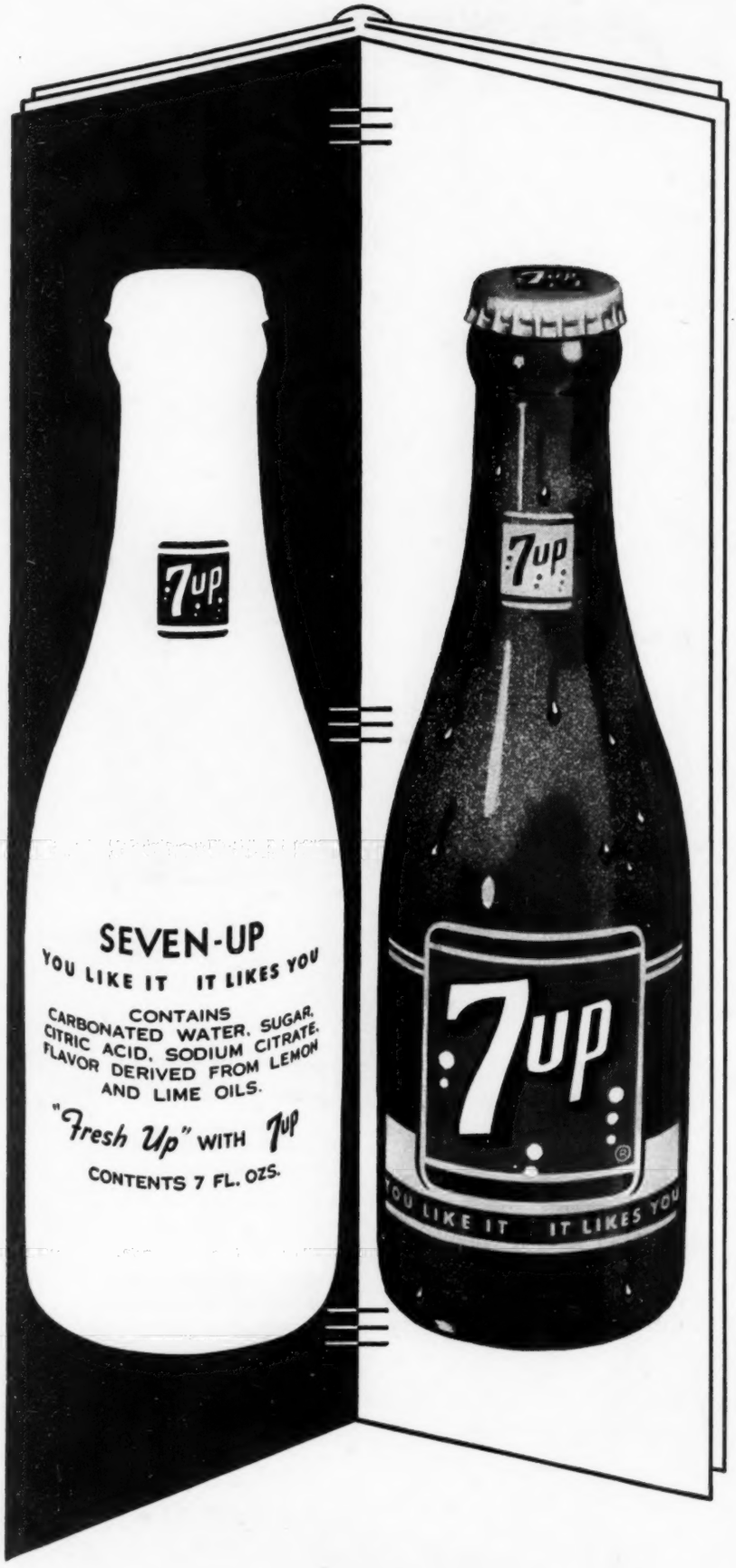
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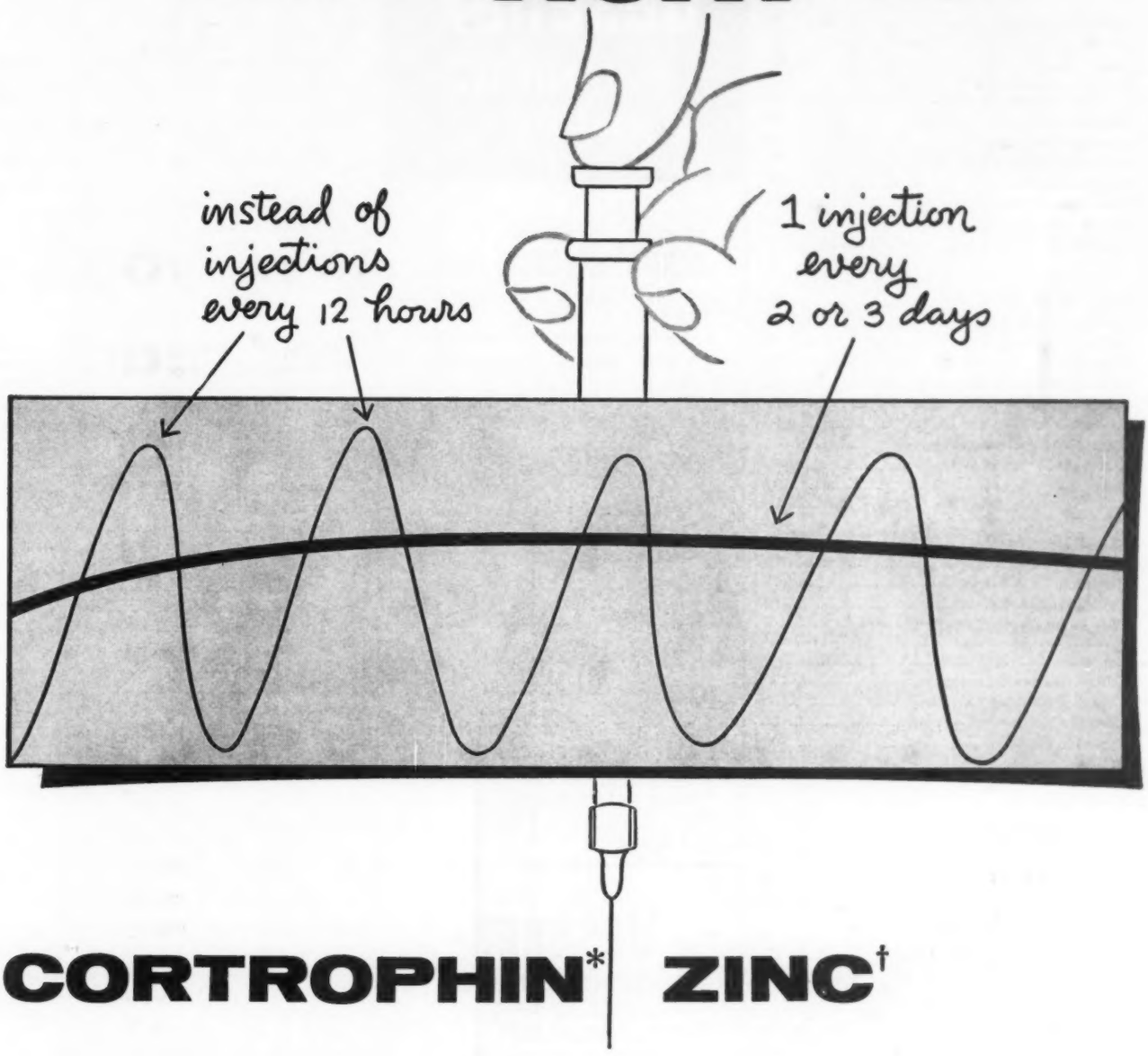

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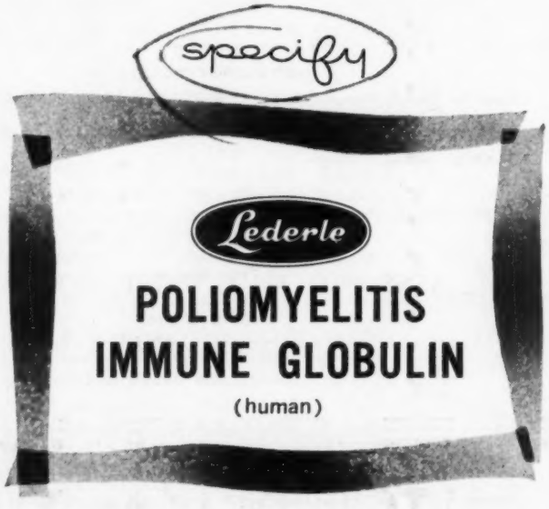

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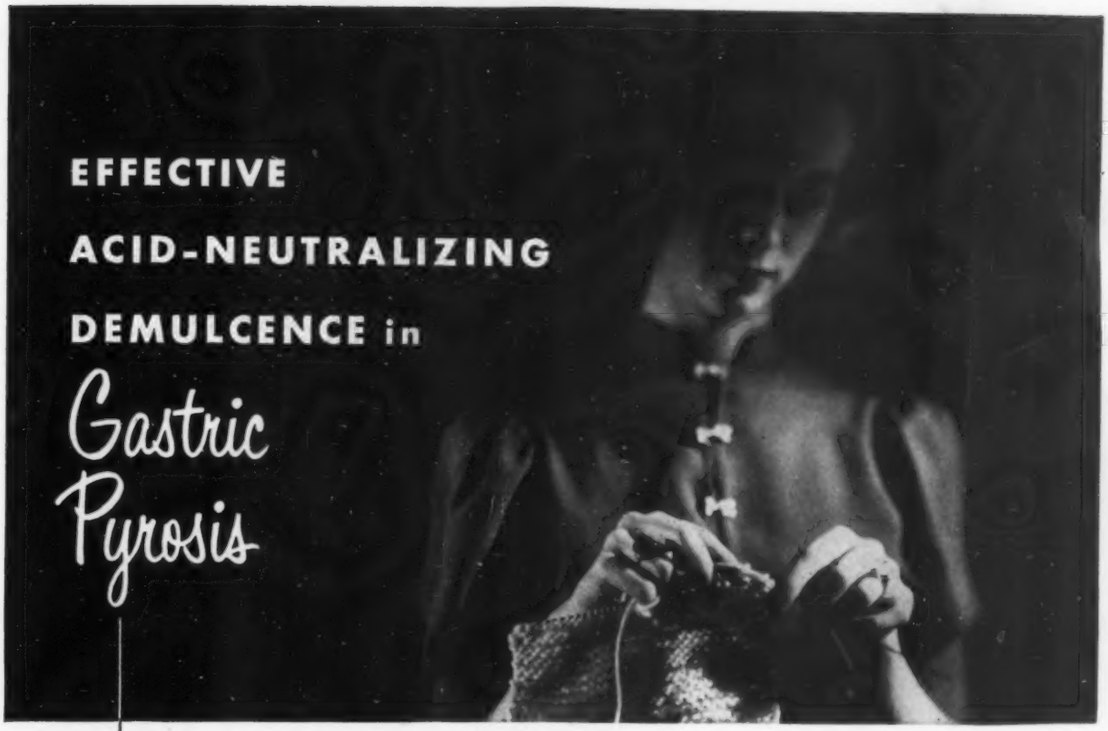

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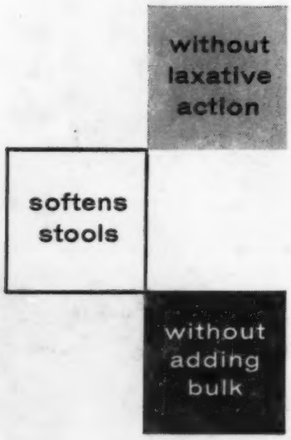

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†Antos, R. J.: A New Approach to the Treatment of Severe Constipation, Southwestern Medicine 37: 236-237 (April) 1956.

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